Energy Answers Bibliography

A SUBJECT GUIDE TO THE LITERATURE
AVAILABLE AT THE MANITOBA
ENERGY INFORMATION CENTRE

OCTOBER, 1983

MANITOBA
DEPARTMENT OF ENERGY AND MINES
Energy Information Centre
500 Portage Avenue
Winnipeg, Manitoba
R3C 0V8
944-4154 or toll free 1-800-282-8069

INTRODUCTION

In 1980, the Manitoba Department of Energy and Mines opened the Energy Information Centre with a commitment to helping Manitobans find energy answers. Since that time the Centre has provided Manitoba homeowners, business people, educators and students with practical information on the efficient and economical use of energy.

The Centre has a wealth of information ranging from home energy upgrading, alternative fuels and industrial energy conservation to Government grants and loans.

For easy reference, the Centre has compiled this Energy Answers Bibliography of all publications and brochures available at the Centre. Categorized by subject area--such as heating, non-renewables and hydro power--each publication is listed alphabetically by name. A brief description, the publisher/author, availability and cost (if applicable) are listed for each publication.

Due to limited quantities of many publications, bulk orders and out-of-province requests should be directed to the source (see Appendix A). The Centre has also established a lending policy for certain reference publications. All inquiries and arrangements can be made by contacting the Energy Information Centre.

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AGRICULTURE:

AGRICULTURAL RESOURCES FOR ETHANOL PRODUCTION. Agriculture Canada. - Engineering & Statistical Research Institute. (1980) 14 p.

The potential of producing ethanol from agricultural resources in Canada.

ALCOHOL FUELS FROM AGRICULTURE - A DISCUSSION PAPER. Agriculture Canada. - Engineering & Statistical Research Institute. (1980) 85 p.

The opportunities and constraints surrounding the production and use of alcohol fuels in Canada.

ALCOHOLS FROM CELLULOSE - AGRICULTURAL RESOURCES. Agriculture Canada. - Engineering & Statistical Research Institute. (1976) 16 p.

The potential of producing alcohol from cellulose through agricultural resources.

BIOMASS ENERGY FOR AGRICULTURE. Agriculture Canada. - Engineering & Statistical Research Institute. (1979) 3 p.

The feasibility of producing biomass energy from agricultural residues and developing crops specifically for this purpose.

ENERGY CONSERVATION IN GREENHOUSES. Agriculture Canada. - Engineering & Statistical Research Institute. (1981) 27 p.

Principles of operating commercial greenhouses by incorporating energy efficient measures.

ENERGY COSTS OF CANADIAN AGRICULTURE. Agriculture Canada. - Engineering & Statistical Research Institute. (1976) 21 p.

Energy input to Canadian agriculture and ways to increase the efficiency.

ENERGY CROPS - WHAT LITTLE WE KNOW. Agriculture Canada. - Engineering & Statistical Research Institute. (1981) 14 p.

A discussion paper on potential energy crops.

ENERGY IN AGRICULTURE. Agriculture Canada. - Engineering & Statistical Research Institute. (1980) 24 p.

Potential energy conservation measures in the Canadian agriculture and food system.

ENVIRONMENTAL CONTROL FOR REDUCING ENERGY WASTE IN FARM BUILDINGS. Ontario Hydro. 45 p.

Insulation and ventilation of agricultural buildings.

FARM BUILDING INSULATION. Manitoba Hydro. (1980) 22 p.

Insulation and ventilation of agricultural buildings.

FARM HOME PLANNING COURSE - REMODELLED HOUSING AND THE SITE #1-8. Alberta Agriculture. (1980) $18.00

A set of eight publications relating to designing and remodelling a farm home.

(NOT AVAILABLE FOR DISTRIBUTION)

FARM HOME PLANNING COURSE - SITING THE NEW HOME #1-8. Alberta Agriculture. (1980) $18.00

A set of eight publications for planning and designing a farm home.

(NOT AVAILABLE FOR DISTRIBUTION)

FARM-SCALE PRODUCTION AND USE OF FUEL ALCOHOL: OPPORTUNITIES AND PROBLEMS. Agriculture Canada. - Communications Branch. (1980) 9 p. (English and French)

The opportunities and potential problems of producing and storing fuel alcohol (ethanol).

FARMSTEAD PLANNING. Agriculture Canada. - Communications Branch. (1979) 17 p.

Factors to consider when expanding or building a farmstead.

4-H ELECTRIC CONSERVATION CLUB. Ontario Hydro. (1979) 35 p.

Agricultural electricity energy conservation kit developed by the 4-H Club.

GUIDELINES TO ENERGY CONSERVATION AND WIRING ON THE FARM. Ontario Hydro. (1979) 43 p.

General energy conservation on the farm plus technical applications of wiring agricultural buildings.

LIVESTOCK VENTILATION HEAT RECOVERY SYSTEMS. Saskatchewan Agriculture. (1982) 28 p.

The application of ventilation and heat recovery systems for livestock buildings.

POULTRY LITTER BURNER. Newfoundland Dept. of Mines & Energy. (1983) 1 p.

Converting the oil heating system of a poultry barn to a poultry litter system to provide space heating and substantially reduce oil consumption.

Project #03 04 22 03 of the Newfoundland/Canada Conservation and Renewable Energy Demonstration Agreement.

PRESENT USE OF ENERGY ON CANADIAN FARMS. Agriculture Canada. - Engineering & Statistical Research Institute. 21 p.

Energy uses and potential developments of biomass forms of energy in agriculture.

SOLAR HEATING FOR LIVESTOCK BUILDINGS. Saskatchewan Agriculture. (1980) 13 p.

The feasibility of using solar collectors for preheating livestock buildings throughout the Prairie Provinces.

SOLAR POWERED IRRIGATION PUMP. United States Department of Energy. - Office of Public Affairs. (1980) 9 p.

The application of solar collectors for pumping water through an agricultural irrigation system.

STANDBY ELECTRIC POWER ON YOUR FARM. Ontario Hydro. 8 p.

The installation of standby emergency electric power for farms.

SUMMARY OF AGRICULTURE CANADA'S ENERGY RESEARCH AND DEVELOPMENT CONTRACT REPORTS. Agriculture Canada. - Engineering & Statistical Research Institute. (1980) 46 p.

A summary of energy research and development projects contracted out by Agriculture Canada.

APPLIANCES:

AIR CONDITIONING. Manitoba Hydro. (1980) 11 p.

Tips on selecting and using an air conditioner efficiently.

ELECTRONIC AIR CLEANERS. Manitoba Hydro. (1983) 3 p.

The operation and efficiency of electronic air cleaners.

ENERGUIDE DIRECTORY 1982. Consumer and Corporate Affairs Canada. (1982) 114 p.

An annual publication listing energy consumption of major appliances manufactured in 1982.

HOUSEHOLD APPLIANCE USAGE. Manitoba Hydro. (1982)

Energy consumption of household appliances.

RESIDENTIAL AIR CONDITIONING. Manitoba Hydro. (1983) 6 p.

Tips for selecting, installing and maintaining room air conditioning units.

BIBLIOGRAPHIES:

THE CANADIAN ENERGY BIBLIOGRAPHY. Ontario Library Association. (1980) 146 p. $6.95

A listing of over 600 publications published in Canada relating to renewable and non-renewable forms of energy and conservation.

(NOT AVAILABLE FOR DISTRIBUTION)

CONSUMER ENERGY RESEARCH: AN ANNOTATED BIBLIOGRAPHY 1982. Consumer and Corporate Affairs Canada. (1981) 510 p.

An annotated bibliography of energy research and studies.

(NOT AVAILABLE FOR DISTRIBUTION)

INDEX OF SELECTED PUBLICATIONS 1979. Energy, Mines and Resources Canada. (1980) 254 p.

A subject index of publications on energy, minerals and earth sciences produced by Energy, Mines and Resources Canada to 1979.

(NOT AVAILABLE FOR DISTRIBUTION)

INFORMATION AND SERVICES 1983. Canadian Standards Association. (1983) 36 p.

A catalogue of publications and services available from the Canadian Standards Association.

SOLAR ENERGY AND CONSERVATION BIBLIOGRAPHY. S.E.S.C.I. - Manitoba Chapter. (1979)

A listing of books, pamphlets and research reports relating to conservation and renewable forms of energy.

(NOT AVAILABLE FOR DISTRIBUTION)

BIOMASS & ALTERNATE ENERGY:

AGRICULTURAL RESOURCES FOR ETHANOL PRODUCTION. Agriculture Canada. - Engineering & Statistical Research Institute. (1980) 14 p.

The potential of producing ethanol from agricultural resources in Canada.

ALCOHOLS FROM CELLULOSE - AGRICULTURAL RESOURCES. Agriculture Canada. - Engineering & Statistical Research Institute. (1976) 16 p.

The potential of producing alcohol from cellulose through agricultural resources.

BIOCONVERSION - FUELS FROM BIOMASS. Franklin Institute Press. (1977) 72 p.

Origins, history and uses of biomass energy.

(NOT AVAILABLE FOR DISTRIBUTION)

BIOGAS FROM ANAEROBIC DIGESTION. Ontario Ministry of Energy. (1982) 1 p.

The production of biogas and fuel alcohol from mill waste. Biogas will replace existing natural gas burning systems and fuel alcohol will be used as a feedstock for the production of petrochemicals or gasoline.

Project #7126E of the Ontario/Canada Conservation and Renewable Energy Demonstration Agreement.

BIOMASS ENERGY FOR AGRICULTURE. Agriculture Canada. - Engineering & Statistical Research Institute. (1979) 3 p.

The feasibility of producing biomass energy from agricultural residues and developing crops specifically for this purpose.

THE BIOMASS ENERGY INSTITUTE. (1982) 12 p.

The history and purpose of the "Biomass Energy Institute".

BIOMASS ENERGY SUCCESS STORIES. Energy, Mines and Resources Canada. (1981) 61 p.

An outline of various forms of biomass energy and their applications, illustrated with diagrams.

(NOT AVAILABLE FOR DISTRIBUTION)

CANDIDATE RAW MATERIALS FOR THE PRODUCTION OF SYNTHETIC FUELS IN ONTARIO. Ontario Government Bookstore. (1979) 32 p. $1.25

A study to determine the feasibility of producing synthetic liquid fuels from conventional energy forms, agricultural resources and forest biomass.

(NOT AVAILABLE FOR DISTRIBUTION)

ELECTRICAL POWER FROM WOOD. Northwest Territories Dept. of Government Services. (1982) 1 p.

To demonstrate the feasibility of an automated wood gasification plant to supply power and heat to a 37,000 sq. ft. complex, formerly served by diesel.

Project #12-200-704-1 of the N.W.T./Canada Conservation and Renewable Energy Demonstration Agreement.

THE ENERGY BRIEF: COMMENTS ON ALTERNATIVE ENERGY SOURCES. Environment Canada. (1982) 93 p.

A commentary by the Department of Environment on the development of alternate forms of energy and their possible effect on the environment.

ENERGY CROPS - WHAT LITTLE WE KNOW. Agriculture Canada. - Engineering & Statistical Research Institute. (1981) 14 p.

The feasibility of developing agricultural crops specifically for energy use.

AN EVALUATION OF WOOD WASTE ENERGY CONVERSION SYSTEMS. B. H. Levelton & Associates Limited. (1978) 187 p.

A study to determine the potential technology available for recovering energy from wood waste.

(NOT AVAILABLE FOR DISTRIBUTION)

FACTS ON BIOENERGY. National Research Council. (1982) 7 p.

The production of methane from organic wastes with technical considerations and economic analysis.

FOREST INDUSTRY RENEWABLE ENERGY (F.I.R.E.). Energy, Mines and Resources Canada. (1979) 10 p.

A brochure outlining the Federal "Forest Industry Renewable Energy" Program.

FUEL PEAT HARVESTING. Newfoundland Dept. of Mines & Energy. (1982) 1 p.

Harvesting and burning fuel peat for the Abitibi-Price mill, located in St. John's, Newfoundland to replace approximately 3,000 barrels of oil used annually.

Project # 03 04 03 of the Newfoundland/Canada Conservation and Renewable Energy Demonstration Agreement.

GEOTHERMAL ENERGY. United States Department of Energy. - Office of Public Affairs. (1980) 15 p.

Environmental and economical aspects of producing geothermal energy in the United States.

HYDROGEN FUEL. United States Department of Energy. - Office of Public Affairs. (1978) 8 p.

The uses and production of hydrogen energy.

LIQUID FUELS FROM BIOMASS. Agriculture Canada. - Engineering & Statistical Research Institute. 5 p.

The feasibility of producing ethanol and methanol from biomass.

LIQUID FUELS IN ONTARIO'S FUTURE - FINDINGS AND RECOMMENDATIONS. Ontario Government Bookstore. (1978) 40 p. (approx.) $1.00

Technical report on the development of alternate liquid fuels in Ontario.

(NOT AVAILABLE FOR DISTRIBUTION)

LIQUID FUELS IN ONTARIO'S FUTURE - FINDINGS AND RECOMMENDATIONS - A SUMMARY. Ontario Government Bookstore. (1978) 10 p. $1.00

A summary of the above mentioned report.

NEW ENERGY SOURCES FOR TODAY: THE RENEWABLE ENERGY HANDBOOK. Energy Probe. (1978) 239 p. $6.98

Renewable energy developments in Canada.

(NOT AVAILABLE FOR DISTRIBUTION)

POTENTIAL OF ETHANOL AS A MOTOR VEHICLE FUEL. United States General Accounting Office. (1980) 28 p. $3.25

A study to determine the feasbility of producing ethanol to be used as a motor vehicle fuel.

PROCEEDINGS - CANPAC '81. Biomass Energy Institute. (1981) 250 p. (approx.) $30.00

Proceedings of the Second Canadian National Power Alcohol Conference held in Winnipeg, October 1981.

(NOT AVAILABLE FOR DISTRIBUTION)

PROCEEDINGS OF CANPAC '80. The Biomass Energy Institute. (1980) $11.50

Proceedings of the Canadian National Power Alcohol conference held in Winnipeg, June 1980.

(NOT AVAILABLE FOR DISTRIBUTION)

PROCEEDINGS OF FOREST & FIELD SYMPOSIUM 1977. The Biomass Energy Institute. (1977) $10.00

Proceedings of the Forest and Field symposium held in Winnipeg, October 1977.

(NOT AVAILABLE FOR DISTRIBUTION)

PROCEEDINGS OF A SYMPOSIUM INTER-ENERGY 1979. The Biomass Energy Institute. (1979) $10.00

Proceedings of the Inter-Energy symposium held in Winnipeg, October 1979.

(NOT AVAILABLE FOR DISTRIBUTION)

PROCEEDINGS OF REACT '78. The Biomass Energy Institute. (1978) $10.00

A symposium of renewable energy and energy conservation options held in Winnipeg, October 1978.

(NOT AVAILABLE FOR DISTRIBUTION)

RENEWABLE ALTERNATIVES: S.E.S.C.I. 1978 CONFERENCE PROCEEDINGS VOLUME I AND II. Solar Energy Society of Canada Incorporated. (1978) $25.00

Proceedings of the 1978 Renewable Energy conference held by the Solar Energy Society of Canada.

(NOT AVAILABLE FOR DISTRIBUTION)

THE RENEWABLE BIOMASS ENERGY GUIDEBOOK. The Biomass Energy Institute. (1974) 40 p.

A guide outlining different forms of renewable biomass energy.

(NOT AVAILABLE FOR DISTRIBUTION)

UTILIZATION OF METHANOL-BASED FUELS IN TRANSPORTATION. Ontario Government Bookstore. (1978) 79 p. $1.25

The feasibility of developing methanol as a transportation fuel.

COMMERCIAL AND INDUSTRIAL:

ACOUSTIC INSULATION FACTOR: A RATING FOR THE INSULATION OF BUILDINGS AGAINST OUTDOOR NOISE. B.R.N. #148. National Research Council (1980) 37 p.

Technical report on acoustical ratings of various types of insulation.

ANNUAL ENERGY CONSUMPTION DATA ON APARTMENT BUILDINGS. B.R.N. #181. National Research Council (1982) 17 p.

Technical report on apartment building energy consumption.

ARENA HEAT RECOVERY. Northwest Territories Dept. of Public Works. (1981) 1 p.

Utilizing waste heat from the ice plant condensor to heat the spectator area of the Pine Point Arena.

Project #12-200-704-2 of the N.W.T./Canada Conservation and Renewable Energy Demonstration Agreement.

ARENA WASTE HEAT RECOVERY. Northwest Territories Dept. of Public Works. (1982) 1 p.

Using waste heat from the refrigeration plant of the Yellowknife Arena to heat locker rooms, spectator areas, dressing rooms, etc.

Project #H 3 3 13 of the N.W.T./Canada Conservation and Renewable Energy Demonstration Agreement.

AUTOMATIC WOOD HEATING. Ontario Ministry of Energy. (1982) 1 p.

The installation of a fully automatic wood heating system in the Grenville Christian College to reduce oil consumption and eventually rely solely on wood, for energy requirements.

Project #6788 of the Ontario/Canada Conservation and Renewable Energy Demonstration Agreement.

BUILDING SEALS AND SEALANTS. American Society for Testing and Materials (1976) 362 p. $36.00

Technical book comparing various seals and sealants for construction.

(NOT AVAILABLE FOR DISTRIBUTION)

THE CALCULATION OF AIR INFILTRATION RATES CAUSED BY WIND AND STACK ACTION FOR TALL BUILDINGS. National Research Council (1977) 14 p.

A guide for determining air infiltration in tall commercial and industrial buildings.

1983 CANADIAN DIRECTORY OF ENERGY CONSERVATION PRODUCTS AND SUPPLIERS. Energy, Mines and Resources Canada. (1982) 68 p.

A directory of Canadian energy products and suppliers aimed at the Commercial, Industrial and Institutional sectors.

CANADIAN INDUSTRY ENERGY CONSERVATION TASK FORCES. Energy, Mines and Resources Canada (1980) 57 p.

A progress report on the Canadian Industry Energy Conservation Task Force.

CANADIAN INDUSTRY PROGRAM FOR ENERGY CONSERVATION - 1981 REPORT. Energy, Mines and Resources Canada. (1982) 82 p.

An annual report outlining the progress, goals and achievements of the C.I.P.E.C.

CARBON DIOXIDE MEASUREMENT IN OPEN CLASSROOM SCHOOL WITH OUTSIDE AIR SUPPLY DAMPER CLOSED TO CONSERVE ENERGY. B.R.N. #169. National Research Council. (1980) 12 p.

A report on carbon dioxide levels in schools.

COGENERATION AND WASTE HEAT RECOVERY. Manitoba Department of Energy and Mines. (1982) 30 p. (approx.)

The final report of a study to determine the potential of developing industrial cogeneration and waste heat recovery in Manitoba.

Project #18 (81-52) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

COMMERCIAL AND INDUSTRIAL RETROFIT. Manitoba Department of Energy and Mines (1982) 1 p.

A study to determine efficient methods for commercial and industrial retrofitting and to encourage future retrofits in this sector.

Project #19 (81-69) under the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

COMMUNITY ARENA RETROFITS. Manitoba Department of Energy and Mines. (1983) 1 p.

Six arenas throughout Manitoba will implement retrofit measures such as modified electrical control systems and waste heat recovery, to demonstrate the effectiveness of these conservation techniques to other community arenas.

Project #29 (82-119) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

DESIGN CRITERIA FOR ENERGY EFFICIENT NEIGHBOURHOOD PLANNING. City of Hamilton. (1982) 250 p.

A study to determine appropriate design criteria and policies which should be implemented for developing energy efficient neighbourhoods in the Hamilton area.

(NOT AVAILABLE FOR DISTRIBUTION)

DESIGN GUIDELINES FOR ENERGY CONSERVATION IN SKATING RINKS AND ARENAS. Ontario Government Bookstore. (1979) 118 p. $2.50

A guide for building skating rinks and arenas with energy efficient features incorporated in the architectural, mechanical and electrical design.

DEVELOPMENT OF PWC CAPABILITY IN THERMOGRAPHIC DIAGNOSIS OF BUILDING ENVELOPE DEFICIENCIES. REPORT #27. Public Works Canada. (1979) 80 p.

Development of thermography by Public Works Canada.

DIRECT CONTACT HEAT RECUPERATOR. Manitoba Department of Energy and Mines. (1982) 1 p.

The installation of a heat recuperator for the purpose of using waste heat from boiler flue gases to heat recirculating water in the Winnipeg Canada Packers plant.

Project #10 (81-71) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

DISTRICT HEATING STUDY. Manitoba Department of Energy and Mines. (1982) 1 p.

Phase Two of a study to determine the viability of district heating for downtown Winnipeg.

Project #13 (80-22) under the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

DISTRICT HEATING STUDY. Ontario Government Bookstore. (1976) 130 p. $4.00

A study to determine the feasibility of district heating for the North Pickering Urban Development, using the Pickering B. Station as the nuclear heat source.

(NOT AVAILABLE FOR DISTRIBUTION)

EFFECT OF EXTENDED PERIODS OF USE ON ANNUAL ENERGY CONSUMPTION OF OFFICE BUILDINGS. B.R.N. #161. National Research Council. (1980) 18 p.

A study to determine energy budgets for office buildings based on degree days, infiltration rates, envelope to floor ratio, hours of operation per day and days of operation per year.

EFFICIENT APPLICATION OF ELECTRIC MOTORS. B. C. Hydro. (1978) 12 p.

Selection and application of electric motors.

ELECTRIC LOAD CONTROL. Nova Scotia Dept. of Mines & Energy. (1983) 2 p.

To demonstrate that a load management system will reduce electrical demand in an all electric ice arena.

Project #028 of the Nova Scotia/Canada Conservation and Renewable Energy Demonstration Agreement.

ENERGY AND INDUSTRY. James Lorimer and Co. (1980) 94 p. $6.95

Study to determine industrial development created by the Canadian National Energy Program.

(NOT AVAILABLE FOR DISTRIBUTION)

ENERGY CONSERVATION AND BUILDING DESIGN. B.R.N. #110. National Research Council. (1976) 8 p.

New building design with energy conservation details incorporated and utilization of alternate forms of energy.

ENERGY CONSERVATION IN EXISTING ARENAS - THREE CASE STUDIES. Ontario Government Bookstore. (1979) 80 p. $4.00

This study discusses four areas of arena retrofit: architectural, refrigeration, mechanical and electrical.

ENERGY CONSERVATION IN HOSPITALS: REVIEW OF CANADIAN & U.S. STUDIES, SURVEYS, PROGRAMS AND PUBLICATIONS. Energy, Mines and Resources Canada. (1980) 198 p.

A guide to existing studies, surveys, programs and publications relating to energy conservation in hospitals.

ENERGY CONSERVATION IN HOTELS & MOTELS: REVIEW OF CANADIAN & U.S. STUDIES, SURVEYS, PROGRAMS AND PUBLICATIONS. Energy, Mines and Resources Canada. (1980) 242 p.

A guide to existing studies, surveys, programs and publications relating to energy conservation in hotels and motels.

ENERGY CONSERVATION IN PUBLIC BUILDINGS. Ontario Government Bookstore. (1978) 27 p. $1.00

Energy conservation information on new and existing public building facilities such as: municipal buildings, schools, libraries, hospitals, nursing homes, day care centres and recreational facilities.

ENERGY CONSERVATION IN RETAIL STORES: REVIEW OF CANADIAN & U.S. STUDIES, SURVEYS, PROGRAMS AND PUBLICATIONS. Energy, Mines and Resources Canada.

A guide to existing studies, surveys, programs and publications relating to energy conservation in retail stores.

ENERGY CONSERVATION IN SCHOOLS. Nova Scotia Dept. of Mines & Energy. (1982) 2 p.

The implementation of minor modifications to heating, ventilation and lighting systems plus retrofit measures, in eight schools throughout Nova Scotia.

Project #020 of the Nova Scotia/Canada Conservation and Renewable Energy Demonstration Agreement.

ENERGY CONSERVATION OPPORTUNITIES FOR DOWNTOWN REDEVELOPMENT PROJECTS: THE BRANTFORD CASE. Ontario Government Bookstore. (1982) 24 p. $3.50

A guide for implementing energy conservation measures in downtown redevelopments, aimed at Municipal planners, engineers and developers.

ENERGY EFFICIENT MOTORS. Manitoba Hydro. (1982) 1 p.

Design characteristics of energy efficient motors.

ENERGY FOR THE EIGHTIES. Manitoba Department of Education. (1983) 6 p.

A list of recommended energy conservation measures to be implemented in schools. Covers such areas as heating, cooling, ventilation and electrical systems.

ENERGY GENERATION FROM MUNICIPAL SOLID WASTE. Nova Scotia Dept. of Mines & Energy. (1983) 4 p.

A report to determine the feasibility of developing refuse fired energy plants for specific areas in Nova Scotia.

Project #031 of the Nova Scotia/Canada Conservation and Renewable Energy Demonstration Agreement.

ENERGY MANAGEMENT COURSE FOR BUILDING MANAGERS. Manitoba Department of Energy and Mines. (1983) 1 p.

A pilot course run in 1980 to train building managers energy efficient methods of building operation.

Project #9 (80-16) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

ENERGY MANAGEMENT FOR CANADIAN FOOD AND BEVERAGE INDUSTRIES. Agriculture Canada. - Communications Branch. (1981) 30 p.

A guide to energy conservation and management for the Canadian food and beverage industry.

ENERGY RECOVERY FROM DRYERS. Manitoba Department of Energy and Mines. (1982) 1 p.

The installation of a heat recovery system to preheat outside air with heat transferred from the filtered dryer exhaust system of the Perth's Dry Cleaning plant in Winnipeg, Manitoba.

Project #20 (81-81) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

ENERGY TIPS FOR HOTELS AND RESTAURANTS. Manitoba Hydro. 8 p.

Hotel and restaurant energy conservation through heating, ventilating, insulation, air conditioning, lighting, etc.

ENER$AVE FOR INDUSTRY AND COMMERCE, #1-10. Energy, Mines and Resources Canada. (1980) 10 booklets

A series of ten booklets directly related to energy conservation in the Commercial and Industrial Sector.

#1 Guidebook/Index
#2 Heating, Cooling & Lighting
#3 Process Design & Heat Recovery
#4 Production Optimization
#5 Combustion Control
#6 Steam & Compressed Air Management
#7 Transportation & Delivery
#8 Efficient People Moving
#9 Office Practices
#10 Employee Motivation & Participation

ENER$AVE FOR MUNICIPALITIES: A GUIDE TO MUNICIPAL ENERGY SAVINGS. Energy, Mines and Resources Canada. (1982) 10 booklets

#1 Municipalities and Energy - An Introduction
#2 Designing An Energy Management Program
#3 Energy and Urban Planning
#4 Auditing Municipal Energy Use
#5 Financial Analysis of Conservation Measures
#6 Saving Energy in Municipal Buildings
#7 Saving Energy in Street Lighting
#8 Saving Energy in the Vehicle Fleet
#9 Energy and Urban Transportation
#10 Municipal Energy Savings - Case Studies

FIRST STEPS TO ENERGY CONSERVATION FOR BUSINESS. Energy, Mines and Resources Canada. (1980) 21 p.

How to audit energy consumption and an energy checklist for businesses.

GREENHOUSE HEAT FROM WOOD WASTE. Nova Scotia Dept. of Mines & Energy. (1982) 2 p.

The installation of a woodchip heating system to reduce oil consumption in a commercial greenhouse operation.

Project #018 of the Nova Scotia/Canada Conservation and Renewable Energy Demonstration Agreement.

GROCETERIA HEAT RECOVERY SYSTEM. Northwest Territories Dept. of Public Works. (1982) 1 p.

Waste heat from a groceteria refrigeration system is diverted into the regular heating system during the winter months, to reduce energy requirements for space heating.

Project #12-200-704-7 of the N.W.T./Canada Conservation and Renewable Energy Demonstration Agreement.

HEAT RECOVERY FROM COLD STORAGE UNIT. Manitoba Department of Energy and Mines. (1982) 1 p.

To demonstrate how heat can be recovered from a refrigerator exhaust system to heat the dry storage, loading dock and underfloor of the cold storage area at the Westco Storage facility.

Project #24 (81-70) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

INDUSTRIAL HEATING USING WOOD WASTE. Nova Scotia Dept. of Mines & Energy. (1982) 2 p.

The use of wood waste for heating a wood processing plant, to reduce oil consumption.

Project #011 of the Nova Scotia/Canada Conservation and Renewable Energy Demonstration Agreement.

LUMBER MILL WOOD BURNING SYSTEM. Ontario Ministry of Energy. (1982) 1 p.

The installation of a wood burning furnace for drying lumber at a sawmill and kiln drying operation.

Project #6771 of the Ontario/Canada Conservation and Renewable Energy Demonstration Agreement.

MAPLE SYRUP & REVERSE OSMOSIS. Ontario Ministry of Energy. (1982) 1 p.

To demonstrate the technical and cost effectiveness of the reverse osmosis technique as an energy saving method of reducing water content in maple syrup, to replace oil fired heating sources.

Project #7130 of the Ontario/Canada Conservation and Renewable Energy Demonstration Agreement.

MISSISSAUGA CITY CENTRE ENERGY STUDY. Ontario Government Bookstore. (1982) 162 p. $5.00

A study to determine the economic feasibility and energy conservation measures which should be implemented for the development of the Mississauga core area.

THE NATIONAL ENERGY AUDIT PROGRAM: FOR INDUSTRY, COMMERCE AND INSTITUTIONS. Energy, Mines and Resources Canada. (1982) 1 p.

Background information on the Commercial and Industrial Energy Audit Program administered by the Federal and Provincial Governments.

A NEW DEVICE FOR MONITORING LIGHTING ENERGY CONSUMPTION. B.R.N. #128. National Research Council. (1978) 8 p.

A technical report on a monitoring device which measures energy consumption of artificial lighting.

OFF PEAK ELECTRIC SPACE HEATING. Nova Scotia Dept. of Mines & Energy. (1982) 2 p.

To demonstrate the use of a thermal storage system, heated during off-peak hours, to reduce peak electrical demand in an electrically heated building complex.

Project #012 of the Nova Scotia/Canada Conservation and Renewable Energy Demonstration Agreement.

OPERATING GUIDELINES FOR ENERGY CONSERVATION. Public Works Canada. (1982) 16 p.

A guideline for reducing energy consumption in commercial buildings through heating and cooling, ventilation and lighting.

PATTERNS OF LIGHTING USE IN A LARGE OPEN-PLAN OFFICE. 1. PRELIMINARY STUDY AND EVALUATION. B.R.N. #129. National Research Council. (1978) 13 p.

A technical study to determine typical lighting energy consumption in a large open-plan office building.

PATTERNS OF LIGHTING USE IN A MEDIUM OPEN-PLAN OFFICE. 2. B.R.N. #139. National Research Council. (1979) 5 p.

A technical study to determine typical lighting energy consumption in a medium open-plan office.

PATTERNS OF LIGHTING USE IN A SCHOOL CLASSROOM. B.R.N. #132. National Research Council. (1978) 18 p.

A study to determine patterns and use of lighting in a typical school classroom.

PEAK DEMAND CONTROLLERS AND ENERGY MANAGEMENT SYSTEMS. B.C. Hydro (1981) 8 p.

The economics and payback period of installing peak demand control and energy management systems for retail, hotel and office buildings.

THE PELLY WOOD CHIP INDUSTRY. Yukon Dept. of Economic Development & Intergovernmental Relations. (1982) 4 p.

The development of the wood chip industry in the Yukon, to reduce and replace oil requirements and to further develop this renewable energy source.

Project #3766-4-20 of the Yukon/Canada Conservation and Renewable Energy Demonstration Agreement.

POWER FACTOR. B.C. Hydro (1981) 8 p.

Determining and correcting power factor for commercial and industrial applications.

THE PRINCESS GREENHOUSE - A DEMONSTRATION PROJECT. NOVA - An Alberta Corporation

The utilization of available engine exhaust heat from natural gas transmission compressor stations, to heat a commercial one-acre greenhouse.

(NOT AVAILABLE FOR DISTRIBUTION)

PROCEEDINGS - THERMOSENSE II. American Society of Photogrammetry (1980) 257 p. $15.00

Principles and applications for detecting energy loss through thermographic testing.

PROCESS STEAM FROM PAPER WASTE. Nova Scotia Dept. of Mines & Energy. (1982) 2 p.

Waste heat from an incinerator is used to replace oil previously used for the production of process steam.

Project #025 of the Nova Scotia/Canada Conservation and Renewable Energy Demonstration Agreement.

RECORDED ENERGY CONSUMPTION DATA ON OFFICE BUILDING. B.R.N. #182. National Research Council (1982) 10 p.

A technical report to determine total energy consumption in office buildings across Canada.

RECORDED ENERGY CONSUMPTION IN SCHOOL BUILDINGS. B.R.N. #180. National Research Council (1982) 40 p. (approx.)

A technical report to determine total energy consumption of schools across Canada.

REHEAT FURNACE ENERGY CONSERVATION. Manitoba Department of Energy and Mines. (1983) 1 p.

A study conducted at Manitoba Rolling Mills to determine the most cost effective method of reducing energy consumption.

Project #28 (82-114) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

RELATION BETWEEN THERMAL RESISTANCE AND HEAT STORAGE IN BUILDING ENCLOSURES. B.R.N. #126. National Research Council (1979) 13 p.

A report which discusses graphical form relations that can be used to estimate the "trade-off" between the mass and the thermal resistance of the building enclosure.

REMOTE COMMUNITY WASTE HEAT RECOVERY. Northwest Territories Dept. of Public Works. (1982) 1 p.

Utilizing waste heat from the Lac La Marte Diesel Generating plant to provide heat for a local school.

Project #H 3 3 10 of the N.W.T./Canada Conservation and Renewable Energy Demonstration Agreement.

SPACE HEAT FROM WASTE CARDBOARD. Nova Scotia Dept. of Mines & Energy. (1982) 2 p.

The installation of a combined, corrugated cardboard/wood burning furnace in a grocery store, to reduce oil consumption for space heating.

Project #016 of the Nova Scotia/Canada Conservation and Renewable Energy Demonstration Agreement.

STANDARDS AND GUIDELINES: ENERGY CONSERVATION. Public Works Canada (1980) 300 p. (approx.)

A technical guideline for reducing energy consumption in heating, ventilating and air conditioning systems, for building operation and maintenance personnel.

(NOT AVAILABLE FOR DISTRIBUTION)

STUDY OF COGENERATION AND WASTE HEAT UTILIZATION IN MANITOBA. Manitoba Department of Energy and Mines. (1982) 1 p.

A study to determine the potential of developing industrial cogeneration and waste heat recovery in Manitoba.

Project #18 (81-52) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

THERMOGRAPHIC DIAGNOSIS OF BUILDING ENVELOPE DEFICIENCIES #28. Public Works Canada. (1979) 63 p.

The use of thermography in the "Fathers of Confederation Centre for the Arts", Charlottetown, P.E.I.

THERMOGRAPHY - A NEW BUILDING SCIENCE TOOL #29. Public Works Canada. (1979) 55 p.

The principles of thermography as a tool for locating, identifying and assessing deficiencies in building enclosures.

URBAN RECREATION CENTRE RETROFIT. Manitoba Department of Energy and Mines. (1983) 1 p.

Four recreation centres throughout Manitoba have implemented retrofit measures such as waste heat recovery, sealing and energy efficient lighting to reduce overall energy consumption and to demonstrate these techniques to similar recreation facilities.

Project #31 (82-127) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

WASTE HEAT RECOVERY. Manitoba Department of Energy and Mines. (1982) 1 p.

To recover waste heat produced by the refrigeration system for use in space heating the Elm Creek Curling Club.

Project #11 (81-55) under the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

WASTE HEAT RECOVERY - ELM CREEK CURLING CLUB. Manitoba Department of Energy and Mines. (1983) 10 p.

The final report of the waste heat recovery system installed in the Elm Creek Curling Club.

Project #11 (81-55) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

WASTE HEAT UTILIZATION. Nova Scotia Dept. of Mines & Energy. (1982) 2 p.

Waste heat from the Glace Bay heavy water plant is used to heat a commericial greenhouse operation.

Project #004 of the Nova Scotia/Canada Conservation and Renewable Energy Demonstration Agreement.

WATER RE-USE IN FISH CULTURE. Newfoundland Dept. of Mines & Energy. (1983) 1 p.

The installation of a water purification system in a fish hatchery to reduce energy costs by using pre-heated re-cycled water.

Project #03 04 22 23 of the Newfoundland/Canada Conservation and Renewable Energy Demonstration Agreement.

WHOLE TREE CHIPPING FOR FUEL. Newfoundland Dept. of Mines & Energy. (1982) 1 p.

Replacing oil with wood chips to provide energy requirements at the Abitibi-Price Pulp & Paper Mill in Grand Falls, Newfoundland.

Project #03 04 29 of the Newfoundland/Canada Conservation and Renewable Energy Demonstration Agreement.

WINNING LOW ENERGY BUILDING DESIGNS. Public Works Canada and Energy, Mines and Resources Canada. (1980) 651 p. $19.95

Thirty-four low energy commercial and industrial building designs. Illustrated with photographs, floor plans and elevated drawings.

(NOT AVAILABLE FOR DISTRIBUTION)

WOODCHIP HEATING (SMALL COMMERCIAL). Newfoundland Dept. of Mines & Energy. (1982) 1 p.

Replacing three commercial oil and electric heated establishments with woodchips to demonstrate reduced energy savings.

Project #03 04 30 of the Newfoundland/Canada Conservation and Renewable Energy Demonstration Agreement.

WOOD FIRED BOILER - JAMES PATON MEMORIAL HOSPITAL. Newfoundland Dept. of Mines & Energy. (1982) 1 p.

The installation of a wood chip and wood residue heating system to replace oil at the James Paton Memorial Hospital.

Project #03 04 02 of the Newfoundland/Canada Conservation and Renewable Energy Demonstration Agreement.

ENERGY EDUCATION:

ENERGY ALPHABET POSTER. Manitoba Department of Energy and Mines. (1981)

Tips on conserving energy illustrated with each letter of the alphabet.

ENERGY MANAGEMENT FOR THE FUTURE - A SOURCE BOOK OF IDEAS AND ACTIVITIES FOR ENERGY CONSERVATION LEARNING PROGRAMS. Energy, Mines and Resources Canada. (1980) 127 p.

A teacher's guide relating to managing energy for all grade levels and subject areas.

FORT WHYTE CENTRE FOR ENVIRONMENTAL EDUCATION. Manitoba Department of Energy and Mines. (1982) 1 p.

Low energy design techniques have been incorporated into the construction of the Fort Whyte Centre for Environmental Education to promote energy efficient construction.

Project #35 (82-102) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

TEACHER MINI-UNITS - ENERGY AWARENESS FOR GRADES 1-8. Energy, Mines and Resources Canada. (1982) 176 p.

A teaching aid for grades 1-8 covering non-renewable and renewable forms of energy plus conservation.

ENERGY IN CANADA:

BACKGROUND TO A NEW ENERGY STRATEGY. Energy, Mines and Resources Canada. (1979) 27 p.

An outline of the Federal Government's concerns about energy and petroleum and the need to implement policies.

BUILDING TOWARD 2001 - PROCEEDINGS. Ontario Government Bookstore. (1982) 205 p. $10.00

Proceedings of an energy conservation conference held in Toronto, November 1981.

(NOT AVAILABLE FOR DISTRIBUTION)

THE CANADIAN ENERGY BIBLIOGRAPHY. Ontario Library Association. (1980) 146 p. $6.95

A list of over 600 energy related english titles with the majority being published in Canada from 1975 onward.

(NOT AVAILABLE FOR DISTRIBUTION)

THE CANADIAN ENERGY DIRECTORY. Ontario Library Association. (1980) $13.95

Canadian individuals, associations, Government Departments and companies affiliated with the field of Energy.

(NOT AVAILABLE FOR DISTRIBUTION)

CITIES ENERGY CONFERENCE. City of Toronto. (1980) 126 p. $4.00

A source book of the "Cities Energy Conference" held in Toronto January 31 - February 1, 1980.

(NOT AVAILABLE FOR DISTRIBUTION)

CONSERVATION AND RENEWABLE ENERGY GUIDE TO SOURCES OF INFORMATION. Energy, Mines and Resources Canada. (1980) 39 p.

A guide to the sources of information relating to conservation and renewable energy throughout Canada. Listed by subject and region.

(NOT AVAILABLE FOR DISTRIBUTION)

ENERGY ALTERNATIVES. University of Manitoba Bookstore. (1981) 263 p. $4.95

A report of the "Special Committee on Alternative and Oil Substitution" presented to the First Session of the Thirty-Second Parliament 1980-81.

ENERGY AND MANUFACTURING IN MANITOBA: A REPORT OF THE ECONOMIC DEVELOPMENT ADVISORY BOARD. Manitoba Department of Economic Development and Tourism. (1978) 160 p.

A report outlining energy consumption of Manitoba manufacturing and predicted energy manufacturing costs.

(NOT AVAILABLE FOR DISTRIBUTION)

ENERGY CONSERVATION BY FILM. Northwest Territories Dept. of Public Works. (1982) 1 p.

A film outlining the need to secure and utilize energy, north of the 60th Parallel.

Project #H 3 3 7 of the N.W.T./Canada Conservation and Renewable Energy Demonstration Agreement.

ENERGY CONSERVATION TECHNOLOGIES AND THEIR IMPLEMENTATION. Minister of Supply and Services Canada. (1982) 93 p.

A report outlining Canadian conservation technologies and their implementation, by the Task Force on Energy Conservation Technologies.

ENERGY FUTURES FOR CANADIANS. Energy Mines and Resources Canada. (1978) 353 p.

A long term assessment of Canadian energy policies covering the years 2000 - 2025.

ENERGY FUTURES FOR CANADIANS - SUMMARY. Energy, Mines and Resources Canada. (1978) 63 p.

A summary of the above mentioned study.

ENERGY IN A FINITE WORLD. Balinger Publishing Company. (1981) 68 p.

A report prepared by the "International Institute for Applied Systems Analysis" to assess the international energy problem for the 50 year period from 1980-2030.

(NOT AVAILABLE FOR DISTRIBUTION)

ENERGY - ROUGH ROAD TO ELDORADO. The Globe and Mail. (1981) 79 p. $3.75

Views and comments of the Canadian National Energy Program 1980 compiled by the Globe and Mail.

(NOT AVAILABLE FOR DISTRIBUTION)

THE ENERGY SQUEEZE. James Lorimer & Company. (1980) 144 p. $6.95

A study conducted by Bruce Willson on the Canadian Energy Crisis, surveying non-renewable and renewable forms of energy to the year 2025.

(NOT AVAILABLE FOR DISTRIBUTION)

ENERGY UPDATE 1979. Energy, Mines and Resources Canada. (1980) 52 p.

An overview of Canadian renewable and non-renewable energy including conservation measures to 1979.

ENERGY UPDATE 1981. Energy, Mines and Resources Canada. (1981) 49 p.

An overview of Canadian renewable and non-renewable energy including conservation measures to 1981.

FUEL FOR THOUGHT: A PRIMER ON ENERGY MANAGEMENT FOR LOCAL GOVERNMENT. B.C. Energy, Mines & Petroleum Resources. (1980) 37 p.

A guide aimed at local Governments to determine which energy conservation measures should be undertaken, according to the needs of the particular area.

(NOT AVAILABLE FOR DISTRIBUTION)

INDEX TO FEDERAL PROGRAMS AND SERVICES 1983. Canadian Government Publishing Centre. (1983) 473 p.

An index to programs and services administered by Federal Government Departments, agencies and crown corporations.

(NOT AVAILABLE FOR DISTRIBUTION)

INTERNATIONAL DIRECTORY OF NEW AND RENEWABLE ENERGY INFORMATION SOURCES AND RESEARCH CENTRES. Solar Energy Research Institute. (1982) 469 p. $20.00

A directory listing all international information sources and research centres active in the field of energy conservation and renewable energy.

(NOT AVAILABLE FOR DISTRIBUTION)

INTRODUCTION TO ENERGY IN CANADA. Energy, Mines and Resources Canada. (1978) 12 p.

The history of energy in Canada including sources and uses.

MUNICIPAL ENERGY CONSERVATION AND THE LAW. B.C. Energy, Mines & Petroleum Resources. (1982) 40 p.

A legal guide for British Columbia Municipalities initiating energy conservation measures.

(NOT AVAILABLE FOR DISTRIBUTION)

MUNICIPAL ENERGY CONSERVATION IN ALBERTA. Alberta Energy and Natural Resources. (1982) 94 p.

A study to determine the level of interest for Municipal energy management in Alberta for the purpose of developing Government programs.

(NOT AVAILABLE FOR DISTRIBUTION)

THE NATIONAL ENERGY PROGRAM 1980. Energy, Mines and Resources Canada. (1980) 115 p.

National decisions and policies developed by the Government of Canada to encourage energy security, to further develop the petroleum industry and promote fairness to all Canadians.

THE NATIONAL ENERGY PROGRAM 1980 - HIGHLIGHTS. Energy, Mines and Resources Canada. (1980) 26 p.

A general background to the Canadian National Energy Program highlighting the policy decisions.

THE NATIONAL ENERGY PROGRAM UPDATE 1982. Energy, Mines and Resources Canada. (1982) 94 p.

The progress of the Canadian National Energy Program 1980 including new measures that have been implemented.

THE NATIONAL ENERGY PROGRAM UPDATE 1982. A SUMMARY. Energy, Mines and Resources Canada. (1982) 29 p.

A summary of the 1982 National Energy Program Update.

NATIONAL GEOGRAPHIC: A SPECIAL REPORT IN THE PUBLIC INTEREST - ENERGY. National Geographic. (1981) 115 p. $1.15

A summary of the International energy crisis to 1981.

(NOT AVAILABLE FOR DISTRIBUTION)

PLANNING LAND TO CONSERVE ENERGY. Environment Canada. (1982) 212 p.

A study to aid in energy efficient land use planning for Canada.

(NOT AVAILABLE FOR DISTRIBUTION)

ROADS TO ENERGY SELF RELIANCE. Canadian Government Publishing Centre. (1979) 200 p. $4.50

A study to determine energy research and demonstration programs that should be implemented in Canada.

(NOT AVAILABLE FOR DISTRIBUTION)

SOFT ENERGY PATHS: TOWARD A DURABLE PEACE. Energy Probe. (1979) 240 p. $6.75

An international overview of developing soft energy paths to replace diminishing hard energy paths, as written by Anthony B. Lovins.

(NOT AVAILABLE FOR DISTRIBUTION)

ZERO ENERGY GROWTH FOR CANADA. McClelland & Stewart. (1981) 304 p. $19.95

The feasibility of implementing specific strategies to encourage reduced energy consumption in Canada through government policy changes, by David B. Brooks.

HEATING - RESIDENTIAL:

AN AIR-TO-AIR HEAT EXCHANGER FOR RESIDENCES. University of Saskatchewan. (1980) 12 p. $1.00

A guide to constructing an air-to-air heat exchanger for residential use.

AIR-TO-AIR HEAT EXCHANGERS. Manitoba Hydro. (1983)

The principles and operation of air-to-air heat exchangers.

AIR-TO-AIR HEAT EXCHANGERS FOR HOUSES. Van Nostrand Reinhold Ltd. (1982) 188 p. $24.95

Principles of operation for a residential air-to-air heat exchanger including a list of commercially available systems.

(NOT AVAILABLE FOR DISTRIBUTION)

BILLPAYER'S GUIDE TO FURNACE SERVICING. Energy, Mines and Resources Canada. (1980) 100 p.

A homeowner's guide to maintaining oil and gas heating systems.

CANADIAN WOOD HEAT BOOK. Harrowsmith Magazine. (1979) 295 p. $8.95

A guide to selecting and maintaining a wood burning appliance.

(NOT AVAILABLE FOR DISTRIBUTION)

CHIMNEY RETROFITS DUE TO FUEL CHANGEOVER. Ontario Government Bookstore. (1981) 90 p. $6.00

A study to identify and review problems associated with deteriorating masonry chimneys due to fuel changeover.

(NOT AVAILABLE FOR DISTRIBUTION)

THE COST OF OWNING AND OPERATING A RESIDENTIAL HEAT PUMP SYSTEM IN CANADA. National Research Council. (1980) 25 p. $2.00

A comparison of owning and operating residential heat pumps and conventional furnaces in Canada.

(NOT AVAILABLE FOR DISTRIBUTION)

DOMESTIC CHIMNEYS AND GAS VENTS. National Research Council. (1981) 4 p.

The operation and maintenance of different types of domestic chimneys.

EFFICIENT HEATING OF BUILDINGS. Manitoba Hydro. (1982) 148 p.

The application of air vapour barriers, controlling humidity, determining heat loss calculations and the application of different electric heating systems.

(NOT AVAILABLE FOR DISTRIBUTION)

EFFICIENT RESIDENTIAL OIL HEATING SYSTEMS. Energy, Mines and Resources Canada. (1979) 48 p.

A guide to maintaining and upgrading domestic oil heating systems.

ELECTRIC HEATING EQUIPMENT AVAILABLE. Manitoba Hydro. (1981) 10 p.

Background information on all forms of electric heating, installation recommendations plus tips on converting a heating system to electricity.

ENERFACTS: HEAT PUMPS. Energy, Mines and Resources Canada. (1983) 1 p.

Operating principles of various types of residential heat pumps.

FRESH AIR DUCTS. Manitoba Hydro. (1983) 1 p.

How to install a fresh air duct into a forced air electric furnace, to provide a residence with adequate fresh air for controlling humidity.

GROUNDWATER HEAT PUMP. Manitoba Department of Energy and Mines. (1982) 1 p.

To demonstrate the effectiveness of using a groundwater heat pump to reduce conventional heating costs in a residence.

Project #26 (82-107) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

HEAT PUMP EFFECTIVENESS IN WINNIPEG, MANITOBA. Manitoba Hydro. (1982) 37 p.

The effectiveness of using air-to-air, groundwater-to-air and groundsource-to-air heat pumps in Manitoba.

(NOT AVAILABLE FOR DISTRIBUTION)

HEAT PUMP (WATER-TO-AIR). Newfoundland Dept. of Mines & Energy. (1983) 1 p.

The installation of residential, water-to-air heat pumps to demonstrate reduced electricity consumption by an estimated 50%.

Project #03 04 22 07 of the Newfoundland/Canada Conservation and Renewable Energy Demonstration Agreement.

HEATING WITH WOOD: A HOMEOWNER'S GUIDE. Energy, Mines and Resources Canada. (1982) 16 p.

A guide for using wood as a heat source, including tips on selecting wood, plus sizing and installing wood heaters properly.

HIGH EFFICIENCY RESIDENTIAL CONDENSING GAS FURNACE FIELD EVALUATION "INSTALLATION REPORT". Ontario Government Bookstore. (1982) 30 p. $3.00

A report outlining performance, serviceability and actual energy savings of two, similar model, high efficiency gas furnaces.

HOT WATER TIPS. Manitoba Hydro. 1 p.

Tips on using domestic hot water efficiently.

HOW TO REDUCE YOUR HOT WATER HEATING COSTS. Energy, Mines and Resources Canada. (1980) 3 p.

How to insulate hot water tanks and pipes, adjusting thermostat settings and general maintenance to reduce your hot water heating costs.

HOW TO SELECT AN ENERGY EFFICIENT GAS FURNACE. Energy, Mines and Resources Canada. (1980) 3 p.

Selecting and sizing an energy efficient gas furnace.

INSTANTANEOUS DOMESTIC HOT WATER HEATERS. Newfoundland Dept. of Mines & Energy. (1983) 1 p.

The installation of tankless point-of-use domestic water heaters to reduce energy consumption by an estimated 50%.

Project #03 04 22 05 of the Newfoundland/Canada Conservation and Renewable Energy Demonstration Agreement.

MEETING THE CHALLENGE OF WOOD ENERGY. Canadian Wood Energy Institute. (1979) 118 p. $20.00

Proceedings of the Canadian Wood Energy Institute conference held February 1979 in Toronto, Ontario.

(NOT AVAILABLE FOR DISTRIBUTION)

NET ANNUAL HEAT LOSS FACTOR METHOD FOR ESTIMATING HEAT REQUIREMENTS. B.R.N. #117. National Research Council. (1976) 23 p.

A technical report on calculating annual heating requirements for houses.

THE NEW IMPROVED WOOD HEAT. Access Books. (1978) 428 p. $8.95

The history and economics of wood heating with stoves and fireplaces.

(NOT AVAILABLE FOR DISTRIBUTION)

PERFORMANCE OF ADD-ON HEAT PUMPS IN VARIOUS PARTS OF CANADA. B.R.N. #24. National Research Council. (1981) 11 p.

A technical report for estimating electricity and oil consumption that will result from an add-on heat pump installed on an existing oil furnace.

POLAR WATER HEATING BLANKETS. Yukon Dept. of Economic Development & Intergovernmental Relations. (1982) 1 p.

The development of the insulwrap water heater blanket to demonstrate a low cost energy conservation measure and to promote production of this product in the Yukon.

Project #3766-4-21 of the Yukon/Canada Conservation and Renewable Energy Demonstration Agreement.

PURCHASING A NEW OIL FURNACE. Energy, Mines and Resources Canada. (1982) 1 p.

Tips for selecting a new oil furnace for residences.

RESIDENTIAL HEAT PUMPS. Manitoba Hydro. (1981) 1 p.

The operation and sizing of residential heat pumps.

RESIDENTIAL HEAT PUMPS. Nova Scotia Dept. of Mines & Energy. (1982) 2 p.

A comparison of residential groundwater and air heat pumps installed in two Nova Scotia residences.

Project #029 of the Nova Scotia/Canada Conservation and Renewable Energy Demonstration Agreement.

RESIDENTIAL SPACE HEATING WITH THE HEAT PUMP. B.R.N. #125. National Research Council. (1978) 22 p.

Performance and economics of residential applications of the heat pump.

RESIDENTIAL WATER HEATING EQUIPMENT. Manitoba Hydro. (1983) 1 p.

A general outline of various types of electric water heaters plus a guide for sizing units properly.

THE SAFE USE OF SOLID FUEL-FIRED APPLIANCES. Manitoba Department of Labour and Manpower. (1983) 32 p.

Safety regulations for installing wood stoves, fireplaces and furnaces in Manitoba.

SELECTING A NEW FURNACE. Manitoba Department of Energy and Mines. (1982) 16 p.

How to select a new gas furnace, including a comparison of conventional and energy efficient models and how to properly size the furnace.

SET BACK THERMOSTAT. Manitoba Hydro. (1981) 1 p.

The operation and benefits of installing a set back thermostat.

SWITCHING TO ELECTRICITY. Energy, Mines and Resources Canada. (1982) 21 p.

Considerations to make when converting residential heating systems to electricity.

SWITCHING TO NATURAL GAS. Energy, Mines and Resources Canada. (1981) 16 p.

Considerations to make when converting your oil heating system to natural gas.

TIPS FOR MAINTAINING YOUR HEATING SYSTEM. Manitoba Hydro. (1983) 1 p.

General tips for maintaining an electric heating system.

WOOD CHIP HEATING - (DOMESTIC). Newfoundland Dept. of Mines & Energy. (1982) 1 p.

To demonstrate the effectiveness of replacing oil or roundwood with woodchips for residential space heating.

Project #03 04 30 of the Newfoundland/Canada Conservation and Renewable Energy Demonstration Agreement.

WOOD CHIP HEATING OF HOMES AND OTHER SMALL BUILDINGS. Government of New Brunswick, Queen's Printer. (1982) 100 p. $3.00

The fundamentals of woodchip heating, including installation of equipment, woodchip supply and quality, plus approximate cost.

A WOOD CHIP PRIMER. Government of New Brunswick, Queen's Printer. (1983) 11 p.

The principles of operating and maintaining a woodchip heating system.

WOOD ENERGY: REKINDLING AN OLD FLAME. Energy Probe. (1981) 44 p. $40.00

A report dealing with supply and demand of forest biomass and harvesting the forest's energy in Canada.

(NOT AVAILABLE FOR DISTRIBUTION)

WOOD STOVES: EFFICIENT DESIGN AND PERFORMANCE. Energy, Mines and Resources Canada. (1978) 15 p.

The efficiency of wood fired appliances tested by the Canadian Combustion Research Laboratory.

(NOT AVAILABLE FOR DISTRIBUTION)

WOOD STOVES - HOW TO MAKE AND USE THEM. Canadian Wood Energy Institute. (1977) 194 p. $7.50

The operation and efficiency of wood stoves.

(NOT AVAILABLE FOR DISTRIBUTION)

HOME CONSTRUCTION:

AIRTIGHT HOUSES AND CARBON MONOXIDE POISONING. National Research Council. (1982) 4 p.

Causes and remedial measures of carbon monoxide poisoning in airtight houses.

AIR-VAPOUR BARRIERS. Energy, Mines and Resources Canada. (1983) 84 p.

Practical application of air-vapour barriers in new house construction.

AIR-VAPOUR BARRIERS AND INSULATION BETWEEN FLOORS OF MULTI-STOREY HOMES. Manitoba Hydro. (1982) 1 p.

Guidelines for sealing and insulating the second floor, joist header space in new house construction and retrofit housing.

AIR-VAPOUR BARRIERS AND INSULATION IN CEILINGS AND WALLS. Manitoba Hydro. (1982) 10 p.

How to seal and insulate the main walls and ceiling for new house construction.

ARCTIC RESIDENTIAL CONSTRUCTION. Northwest Territories Dept. of Public Works. (1982) 1 p.

The construction of an energy efficient house in Frobisher Bay, N.W.T. to demonstrate reduced energy consumption and new construction techniques.

Project #704-4 of the N.W.T./Canada Conservation and Renewable Energy Demonstration Agreement.

BUILDERS' GUIDE TO ENERGY EFFICIENCY IN NEW HOUSING. Ontario Government Bookstore. (1980) 138 p. $7.00

A guide to energy efficient home construction.

(NOT AVAILABLE FOR DISTRIBUTION)

C.G.S.B. CATALOGUE OF STANDARDS APPLICABLE TO THE NATIONAL MASTER SPECIFICATION FOR BUILDING CONSTRUCTION. Canadian General Standards Board. (1980) 450 p. $50.00

A handbook developed by Energy, Mines and Resources Canada and the C.G.S.B. Committee for the Insulation Contractor Certification Program.

(NOT AVAILABLE FOR DISTRIBUTION)

CANADIAN WOOD-FRAME HOUSE CONSTRUCTION. Canada Mortgage and Housing Corporation. (1979) 261 p. $3.00

Technical guide dealing with all aspects of wood frame house construction.

COMMENTARY ON MEASURES FOR ENERGY CONSERVATION IN NEW BUILDINGS. National Research Council. (1978) 41 p. $2.00

A commentary on the technical report outlining energy conservation requirements and their application in new buildings.

THE CONSERVATION OF ENERGY IN HOUSING. Canada Mortgage and Housing Corporation. (1977) 145 p. $3.00

Recommended building techniques for energy efficient house construction.

(NOT AVAILABLE FOR DISTRIBUTION)

CONSTRUCTION GUIDE FOR PRESERVED WOOD FOUNDATIONS. Canadian Wood Council. (1981) 39 p. $3.00

Practical design and construction methods for preserved wood foundations in Canada.

DESIGN AND CONSTRUCTION OF LOW ENERGY HOUSES IN SASKATCHEWAN. B.P.N. #30 National Research Council. (1982) 7 p.

The development of low energy housing on the Canadian Prairies.

DETAIL DRAWINGS FOR PRESERVED WOOD FOUNDATION. Canadian Wood Council. (1981) 24 p. $1.20

A guideline of construction details for preserved wood foundations.

"DOUBLE E" HOME PROGRAM - TECHNICAL GUIDELINES FOR NEW HOMES. Canadian Electrical Association. (1981) 64 p.

Guidelines for energy efficient house construction developed by the Canadian Electrical Association for the "Double E" program.

(NOT AVAILABLE FOR DISTRIBUTION)

ENERGY CONSERVATION DESIGN RESOURCE HANDBOOK. Royal Architectural Institute of Canada. (1979) 400 p. (approx.) $65.00

An architectural handbook covering all aspects of energy conserving building design.

(NOT AVAILABLE FOR DISTRIBUTION)

ENERGY CONSERVATION IN NEW SMALL RESIDENTIAL BUILDINGS. Canada Mortgage and Housing Corporation (1981) 73 p. $1.50

Recommendations for energy efficient house construction based on the publication "Measures for Energy Conservation in New Buildings".

ENERGY EFFICIENT HOUSING. Northwest Territories Dept. of Public Works. (1982) 1 p.

Construction of an energy efficient house in Yellowknife, N.W.T. to demonstrate reduced energy consumption from $1,000.00 annually for a conventional structure to $400.00 annually for this type of structure.

Project # H3 3 11 of the N.W.T./Canada Conservation and Renewable Energy Demonstration Agreement.

ENERGY EFFICIENT HOUSING - A PRAIRIE APPROACH. Manitoba Department of Energy and Mines. (1982) 34 p.

Residential energy efficient home construction specific to the Canadian Prairie Provinces.

ENERGY EFFICIENT HOUSING - KENSINGTON HOMES, WINNIPEG. Manitoba Department of Energy & Mines. (1983) 45 p.

The Final Report of an energy efficient house, constructed by Kensington Homes, to demonstrate the cost effectiveness of a preserved wood foundation.

Project #17 (80-2) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

ENERGY EFFICIENT HOUSING - KENSINGTON HOMES - WINNIPEG. Manitoba Department of Energy and Mines. (1982) 1 p.

The construction of an energy efficient 1,865 sq. ft. home in Winnipeg, to demonstrate the cost effectiveness of a preserved wood foundation.

Project #17 (80-2) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

ENERGY EFFICIENT NEW HOUSING. Nova Scotia Dept. of Mines & Energy. (1982) 2 p.

Eight energy efficient homes were constructed in the Nova Scotia area, to demonstrate the cost effectiveness and energy savings, to builders and prospective new home buyers.

Project #027 of the Nova Scotia/Canada Conservation and Renewable Energy Demonstration Agreement.

ENERGY EFFICIENT/RENEWABLE ENERGY HOUSING DESIGNS. Canadian Secretariat. (1980) 26 p. $2.00

An illustrated book containing energy efficient house designs including elevated views and floor plans.

(NOT AVAILABLE FOR DISTRIBUTION)

LOG AND TIMBER STRUCTURES OF THE OTTAWA AREA. B.R.N. #145. National Research Council. (1979) 21 p.

A comparison of three log home building techniques used during the 1800's.

LOW COST ENERGY EFFICIENT SHELTER. Rodale Press. (1976) 408 p. $13.95

Design principles for energy efficient house construction and retrofit housing.

LOW ENERGY BERMED HOUSING. Manitoba Department of Energy & Mines. (1982) 1 p.

A demonstration to determine the cost effectiveness and energy savings of a bermed or semi-underground dwelling in Shoal Lake, Manitoba.

Project #14 (81-54) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

LOW ENERGY BERMED HOUSING. Manitoba Department of Energy & Mines. (1981) 1 p.

A demonstration to determine the cost effectiveness and energy savings of a bermed or semi-underground dwelling in Swan River, Manitoba.

Project #6 (80-5) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

LOW ENERGY BERMED HOUSING - CARROLL RESIDENCE, SWAN RIVER, MANITOBA. Manitoba Department of Energy & Mines. (1983) 40 p.

The Final Report of a demonstration to determine the cost effectiveness and energy savings of a bermed or semi-underground dwelling in Swan River, Manitoba.

Project #6 (80-5) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

LOW ENERGY BERMED HOUSING - SHOAL LAKE, MANITOBA. Manitoba Department of Energy & Mines. (1983) 51 p.

The Final Report of a demonstration to determine the cost effectiveness and energy savings of a bermed or semi-underground dwelling in Shoal Lake, Manitoba.

Project #14 (81-54) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

LOW ENERGY HOME DESIGNS. Alberta Agriculture. (1982) 94 p. $2.00

Design guidelines and plans for energy efficient housing.

LOW ENERGY HOUSING - CHIMO - STEINBACH, MANITOBA. Manitoba Department of Energy & Mines. (1983) 43 p.

The Final Report of an energy efficient house constructed in Steinbach, Manitoba, to demonstrate a 14" wall technique.

Project #15 (81-72) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

LOW ENERGY HOUSING - CHIMO - STEINBACH. Manitoba Department of Energy and Mines. (1981) 4 p.

Energy efficient home construction demonstrating a low cost 14-inch wall technique.

Project #15 (81-72) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

LOW ENERGY HOUSING - FLAIR HOMES WINNIPEG. Manitoba Department of Energy and Mines. (1981) 1 p.

Construction of a low energy 1,050 sq. ft. home in Winnipeg, Manitoba by Flair Homes Ltd., to demonstrate the techniques incorporated in energy efficient house construction.

Project #3 (80-41) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

LOW ENERGY HOUSING - MANITOBA HOMEBUILDERS ASSOCIATION. Manitoba Department of Energy & Mines. (1981) 1 p.

The construction of a low energy house to demonstrate new building technologies to Manitoba homebuilders.

Project #12 (81-63) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

LOW ENERGY PRAIRIE HOUSING. B.P.N. #38. National Research Council. (1982) 10 p.

A technical report outlining building techniques incorporated in low energy houses constructed in the Prairie Provinces.

MANITOBA ENERGY CONSERVATION HOUSE - PLANS. Manitoba Department of Energy and Mines. (1979) $7.00

Residential house plans for a 1,060 sq. ft. energy efficient dwelling.

MANITOBA ENERGY CONSERVATION HOUSE - SPECIFICATIONS. Manitoba Department of Energy and Mines. (1979) $4.00

Building specifications for the Manitoba Energy Conservation House.

MARK XI ENERGY RESEARCH PROJECT: AIR-TIGHTNESS AND AIR-INFILTRATION MEASUREMENTS. B.R.N. #162. National Research Council. (1980) 21 p.

An air tightness and air infiltration study of four houses, identical in floor plan and size. One home is built to conventional standards while the remaining three have energy efficient building techniques incorporated.

MARK XI ENERGY RESEARCH PROJECT: COMPARISON OF STANDARD AND UPGRADED HOUSES. B.R.N. #160. National Research Council. (1980) 18 p.

A comparison of thermal efficiencies relating to the above mentioned project.

MARK XI ENERGY RESEARCH PROJECT: DESIGN AND CONSTRUCTION. B.R.N. #131. National Research Council. (1978) 20 p.

A comparison of design and construction techniques relating to the above mentioned project.

MARK XI ENERGY RESEARCH PROJECT: SUMMARY OF RESULTS 1978-1981. B.R.N. #27. National Research Council. (1982) 18 p.

Summary and results of the above mentioned project, from 1978-1981.

MEASURED ENERGY CONSUMPTION OF A GROUP OF LOW-ENERGY HOUSES. National Research Council. (1980) 5 p. $1.00

A report on total energy consumption and space heating requirements of approximately 50 homes constructed in the Saskatoon Area.

MEASURES FOR ENERGY CONSERVATION IN NEW BUILDINGS. National Research Council. (1978) 52 p.

Technical report outlining energy conservation requirements and their application in new buildings.

(NOT AVAILABLE FOR DISTRIBUTION)

NEW HOME DOUBLE WALL CONSTRUCTION. Manitoba Hydro. (1983) 1 p.

An illustration of double wall construction developed for the "Double E" program by the Canadian Electrical Association.

1981 NEWFOUNDLAND ENERGY EFFICIENT HOUSING WORKSHOP AND EXHIBITS. Newfoundland Department of Mines and Energy. (1981) 238 p. $20.00

Proceedings of the Energy Efficient Housing Workshop held in St. John's, Newfoundland, November 1981.

(NOT AVAILABLE FOR DISTRIBUTION)

RESIDENTIAL STANDARDS. National Research Council. (1980) 288 p. $1.50

Residential building requirements prepared by the Standing Committee on Housing and Small Buildings.

(NOT AVAILABLE FOR DISTRIBUTION)

SUPERINSULATED HOUSES AND DOUBLE ENVELOPE HOUSES. Van Nostrand Reinhold Company. (1980) 100 p. (approx.) $15.95

Principles and practices of superinsulated and double envelope houses.

(NOT AVAILABLE FOR DISTRIBUTION)

THERMAL ENVELOPE HOUSES. B.P.N. #31. National Research Council. (1982) 9 p.

The construction of thermal envelope houses plus advantages and limitations to this building technique.

UNDERGROUND HOUSES: HOW TO BUILD A LOW COST HOME. Harrowsmith Magazine. (1980) 128 p. $6.95

Construction techniques for underground houses.

(NOT AVAILABLE FOR DISTRIBUTION)

THE WELL TEMPERED HOUSE. Renewable Energy in Canada. (1980) 218 p. $11.95

A detailed analysis of various energy efficient houses constructed across Canada.

(NOT AVAILABLE FOR DISTRIBUTION)

WOOD BUILDINGS - LOG OR FRAME. B.R.N. #144. National Research Council. (1979) 11 p.

A comparison of log housing and conventional wood frame construction.

HYDRO:

BRANDON GENERATING STATION. Manitoba Hydro 12 p.

An illustrated description of the Brandon Hydro Generating Station.

CANADA/UNITED STATES ELECTRICITY EXCHANGES. Energy, Mines and Resources Canada. (1979) 243 p.

A study to determine the potential for increasing international electricity exchanges between Canada and the United States.

(NOT AVAILABLE FOR DISTRIBUTION)

A CENTURY OF POWER. Manitoba Hydro (1977) 16 p.

A brief history of the electrical power industry in Manitoba, from 1873 to 1973.

ELECTRIC POWER IN CANADA 1981. Energy, Mines and Resources Canada. (1982) 56 p.

An overview of Canadian electric production, consumption, imports, exports, costs and pricing to 1981.

ELECTRIC POWER IN CANADA 1980. Energy, Mines and Resources Canada (1980) 44 p.

An overview of 1980 policy decisions that have had an effect on the planning and development of the Canadian electrical system.

ELECTRICITY ACROSS THE BORDER: THE UNITED STATES-CANADIAN EXPERIENCE. C. D. Howe Institute. (1978) 65 p. $4.00

History and development of Canadian and U.S. electrical interconnections including regulation changes and future interconnections.

(NOT AVAILABLE FOR DISTRIBUTION)

FACTS ON WATER POWER. National Research Council. (1982) 9 p.

An introduction to producing hydro-electricity through tidal power, wave power and small scale generating stations.

MANITOBA ELECTRICITY FACT SHEET. Manitoba Hydro (1980) 2 p.

Manitoba Hydro's generating capacity plus provincial and U.S. interconnections.

THE MANITOBA HYDRO-ELECTRIC BOARD ANNUAL REPORT. Manitoba Hydro (1982) 30 p.

Annual report from Manitoba Hydro - year ending March 31, 1982.

MANITOBA HYDRO'S LONG SPRUCE GENERATING STATION. Manitoba Hydro (1980) 7 p.

An illustrated description of the Long Spruce Generating Station.

MANITOBA - THE ELECTRICAL PROVINCE. Manitoba Hydro (1980) 1 p.

The history and development of electrical power in Manitoba illustrated with a map.

MANITOBA - THE HYDRO PROVINCE. Manitoba Hydro (1981) 1 p.

A colored map illustrating the present hydro electric generating stations and proposed sites in Manitoba.

MICRO HYDRO. Nova Scotia Dept. of Mines & Energy. (1982) 2 p.

The installation of a small scale hydro electric power system to supply energy to isolated residential dwellings.

Project #003 of the Nova Scotia/Canada Conservation and Renewable Energy Demonstration Agreement.

MONTHLY ELECTRIC RATES. Manitoba Hydro (1983) 1 p.

Urban and rural electricity rates for Manitoba.

NELSON RIVER DC TRANSMISSION SYSTEM. Manitoba Hydro. (1977) 15 p.

An illustrated description of the Nelson River DC transmission system.

SELKIRK GENERATING STATION. Manitoba Hydro (1979) 12 p.

An illustrated description of the Selkirk Generating Station.

UNITED STATES/CANADA ELECTRICITY EXCHANGES MAY 1979. United States Dept. of Commerce. (1979) 243 p. $9.50

A study to determine the potential for increasing international electricity exchanges between the United States and Canada.

(NOT AVAILABLE FOR DISTRIBUTION)

THE WINNIPEG RIVER. Manitoba Hydro (1980) 15 p.

An illustrated description of the Winnipeg River Generating Stations.

LOANS AND GRANTS:

BUY AND RENOVATE. Manitoba Housing and Renewal Corporation. (1982) 1 p.

An outline of the Provincial "Buy and Renovate Program" for homes 30 years or older and valued at $30,000 or less.

CRITICAL HOME REPAIR PROGRAM. Manitoba Housing and Renewal Corporation. 1 p.

A Provincial incentive for home repairs for homeowners on low fixed incomes. Grants and loans are allocated according to the family or pensioners income. The potential total incentive for families is $3,000 and for pensioners, $1,500.

DOLLARS FOR DEMONSTRATIONS. Energy, Mines and Resources Canada. (1983) 1 p.

An outline of the Federal/Provincial Conservation and Renewable Energy Demonstration Agreement. A three way cost-shared program for the development and demonstration of new, conservation and renewable energy technologies.

ELECTRICAL MODERNIZATION PLAN. Manitoba Hydro (1980) 1 p.

An incentive administered by Manitoba Hydro to provide loans of up to $2,000 to upgrade existing wiring for residences, farm and commercial customers.

FOREST INDUSTRY RENEWABLE ENERGY (F.I.R.E.). Energy, Mines and Resources Canada. (1979) 10 p.

A brochure outlining the Federal "Forest Industry Renewable Energy" Program.

HOMEOWNERS' INSULATION LOAN PROGRAM. - Manitoba Hydro and Winnipeg Hydro.

A loan of up to $1,000.00 for homeowners adding insulation, vapour barriers, ventilation, weatherstripping, caulking, windows, doors and framing material for insulated areas. Administered through the hydro utility, the interest rate is 9 1/2% and payments are made on the monthly electric bill.

INITIATIVES IN DOMESTIC ENERGY CONSERVATION. Canada Mortgage and Housing Corporation (1981) 230 p.

A list of Federal and Provincial initiatives for domestic energy conservation.

(NOT AVAILABLE FOR DISTRIBUTION)

MANITOBA/CANADA CONSERVATION AND RENEWABLE ENERGY DEMONSTRATION PROGRAM. Manitoba Department of Energy and Mines. (1982)

A Federal/Provincial incentive for the development and demonstration of conservation and renewable energy new technologies. This is a three way cost shared program which terminates March 1984.

PROPANE GRANT PROGRAM. Energy, Mines and Resources Canada. 1 p.

A Federal incentive program to assist commercial fleet operators and farmers to convert their vehicles to propane. Up to $400 is available for each vehicle.

PROPANE GRANT PROGRAM: ARE YOU ELIGIBLE? Energy, Mines and Resources Canada. 1 p.

The eligibility criteria for the Propane Grant Program.

THE R-2000 HOME. Energy, Mines and Resources Canada. (1982) 2 p.

An incentive for Canadian home builders to develop energy efficient construction techniques. Sponsored by the Housing and Urban Development Association of Canada and Energy, Mines and Resources.

STILL ON OIL. Energy, Mines and Resources Canada. (1982) 10 p.

A Federal incentive administered by the Provincial heating utilities for the conversion of oil heating systems to other renewable or non-renewable forms of energy. The taxable grant covers 50% of the conversion cost to a maximum of $800.00 for residences and is somewhat higher for commercial and industrial establishments.

NON-RENEWABLE:

CANADIAN PETROLEUM INDUSTRY - 1980 MONITORING SURVEY. Energy, Mines and Resources Canada. (1980) 66 p.

Activities and financial performance of the oil and gas industry in Canada for 1980.

CANADIAN PETROLEUM INDUSTRY MONITORING SURVEY 1981. Energy, Mines and Resources Canada. (1982) 82 p.

Activities and financial performance of the oil and gas industry in Canada for 1981.

COAL IN CANADA. Energy, Mines and Resources Canada. (1976) 19 p.

The formation, mining and uses of coal in Canada.

(NOT AVAILABLE FOR DISTRIBUTION)

COAL RESOURCES AND RESERVES OF CANADA. Energy, Mines and Resources Canada. (1980) 37 p.

The coal industry in Canada including reserves, supply and demand.

(NOT AVAILABLE FOR DISTRIBUTION)

ENERGY UNDER THE SEA. Energy, Mines and Resources Canada. (1982) 28 p.

Exploration and production of petroleum on the Canadian Atlantic offshore.

FINDING OUT ABOUT FUELS. Energy, Mines and Resources Canada. 8 p.

Coal, petroleum and tar sands research carried out by the Canada Centre for Mineral & Energy Technology (CANMET).

FOCUS ON ENERGY - SERIES 1-7. Canadian Petroleum Association. (1980) $3.50 (set of 7)

A series of 7 booklets on the production of oil and gas in Canada by the Canadian Petroleum Association.

(NOT AVAILABLE FOR DISTRIBUTION)

THE GEOPHYSICAL STORY: SEISMIC EXPLORATION FOR OIL AND NATURAL GAS. Canadian Petroleum Association. (1979) 4 p.

Background information and seismic exploration techniques used for locating oil and natural gas.

(NOT AVAILABLE FOR DISTRIBUTION)

MAJOR OIL AND GAS FIELDS AND PIPELINES IN CANADA. Energy, Mines and Resources Canada. (1979) 1 p.

A map illustrating Canadian oil and gas fields to 1979.

MANITOBA OIL REPORT JAN. 1ST - JUNE 30TH, 1983. Manitoba Department of Energy and Mines, Petroleum Branch. (1983) 6 p.

A quarterly report outlining activity, production and sales, relative to Manitoba's oil industry.

OIL ACTIVITY REVIEW 1982. Manitoba Department of Energy and Mines - Petroleum Branch. (1983) 25 p.

A summary of 1982 petroleum exploration and development, in Manitoba.

PETROLEUM IN CANADA. Energy, Mines and Resources Canada. (1979) 12 p.

A history of the petroleum industry in Canada.

NUCLEAR:

ASSESSING THE CONCEPT. Atomic Energy of Canada Limited. 1 p.

The management and disposal of nuclear waste.

ATOMS AT YOUR SERVICE. Atomic Energy of Canada Limited. (1974) 20 p.

How nuclear energy is produced, its uses and types of reactors.

BRUCE GENERATING STATION DATA - UNITS 1-4. Ontario Hydro. (1979) 1 p.

Background information on the Bruce Generating Station located in Bruce Township, Ontario.

BRUCE NUCLEAR POWER DEVELOPMENT. Atomic Energy of Canada Limted. 1 p.

Background information on the Bruce Generating Station located in Bruce Township, Ontario.

CANDU 600. Atomic Energy of Canada Limited. (1976) 18 p.

The development of Canada Deuterium Uranium.

COMMONSENSE IN NUCLEAR ENERGY. University of Manitoba Bookstore. (1980) 88 p. $6.95

Pro nuclear issues discussed by Fred and Geoffrey Hoyle.

(NOT AVAILABLE FOR DISTRIBUTION)

DARLINGTON GENERATING STATION. Ontario Hydro. (1981) 4 p.

Background information on the Darlington Generating Station located in Newcastle, Ontario.

DOUGLAS POINT NUCLEAR POWER STATION. Atomic Energy of Canada Limited. (1973) 1 p.

Background information on the Douglas Point Generating Station located near Kincardine, Ontario.

FUNDAMENTALS OF NUCLEAR POWER. Atomic Energy of Canada Limited. (1980) 16 p.

A basic understanding of the development and production of nuclear energy including a glossary of related terms.

HEAVY WATER. Atomic Energy of Canada Limited. (1979) 4 p.

The production and uses of heavy water.

LIVING WITH RADIATION. Atomic Energy of Canada Limited. (1981) 1 p.

A basic understanding of the different types of radiation.

MEASURING EARTHQUAKE ACTIVITY. Atomic Energy of Canada Limited. 1 p.

The importance of measuring earthquake activity throughout different parts of Canada for the safe disposal of nuclear wastes.

NUCLEAR ENERGY IN CANADA - THE CANDU SYSTEM. Atomic Energy of Canada Limited. (1981) 9 p.

An outline of the Candu nuclear power system including general performance and cost.

NUCLEAR ENERGY - THE UNFORGIVING TECHNOLOGY. University of Manitoba Bookstore. (1976) 259 p. $4.95

The nuclear question in Canada discussed by Fred H. Knelman.

(NOT AVAILABLE FOR DISTRIBUTION)

NUCLEAR FUEL WASTE. Atomic Energy of Canada Limited. 1 p.

Research and programs surrounding the disposal of nuclear fuel waste.

NUCLEAR MADNESS - WHAT YOU CAN DO! University of Manitoba Bookstore. (1980) 116 p. $2.95

The nuclear question in the United States discussed by Dr. Helen Caldicott.

(NOT AVAILABLE FOR DISTRIBUTION)

NUCLEAR POWER - CANDU REACTOR SAFETY. Atomic Energy of Canada Limited. (1980) 11 p.

Benefits, risks and safety of the Candu reactor.

NUCLEAR REACTOR SAFETY. Ontario Hydro. (1980) 16 p.

Safety standards for nuclear generating stations.

PICKERING GENERATING STATION. Ontario Hydro. (1979) 4 p.

Background information on the Pickering Generating Station located near Toronto, Ontario.

TRANSPORTATION OF NUCLEAR FUEL. Atomic Energy of Canada Limited. (1979) 10 p.

A report discussing the transportation of used fuel from nuclear reactors.

UNDERGROUND RESEARCH LABORATORY. Atomic Energy of Canada Limited. (1981) 1 p.

The development of the underground research laboratory located near Lac du Bonnet, Manitoba.

URANIUM, NUCLEAR POWER AND CANADA-U.S. ENERGY RELATIONS. C.D. Howe Research Institute. (1978) 71 p. $4.00

The utilization of uranium for nuclear reactor stations with relation to Canada and the United States.

VISITOR'S GUIDE - WHITESHELL NUCLEAR RESEARCH STATION. Atomic Energy of Canada Ltd. (1982) 1 p.

A brief description of the Whiteshell Nuclear Research Station located in Pinawa, Manitoba.

WR-1 WHITESHELL REACTOR NO. 1. Atomic Energy of Canada Limited. (1973) 6 p.

Background information on the Whiteshell Nuclear Research establishment in Pinawa, Manitoba.

WHITESHELL NUCLEAR RESEARCH ESTABLISHMENT. Atomic Energy of Canada Ltd. (1982) 16 p.

An outline of research activities taking place at the Whiteshell Nuclear Research Establishment.

RESIDENTIAL GENERAL:

ANALYSIS OF ENERGY CONSERVATION OPTIONS. Canada Mortgage and Housing Corporation (1981) 120 p.

A report which analyzes the available energy conservation equipment, cost and potential energy savings for the homeowner.

(NOT AVAILABLE FOR DISTRIBUTION)

APARTMENT DWELLERS GUIDE. Manitoba Hydro. (1980) 12 p.

Tips to reduce energy costs for apartment dwellers.

ENERGY SAVERS CATALOGUE. Longman Canada. (1977) 160 p. $6.95

A guide to energy saving products and their application.

(NOT AVAILABLE FOR DISTRIBUTION)

THE GARBAGE BOOK. Energy, Mines and Resources Canada. (1979) 104 p.

How to reduce your energy costs by throwing away less, recycling items and minimizing the use of disposable products.

GUIDELINES FOR RECOVERING RESIDENTIAL WASTE MATERIAL THROUGH SOURCE SEPARATION. Ontario Government Bookstore. (1980) 45 p. $1.50

A guideline for separating recyclable residential waste materials from general residential waste for the production of recycled products.

(NOT AVAILABLE FOR DISTRIBUTION)

THE HARROWSMITH READER. Harrowsmith Magazine. (1978) 287 p. $9.95

An annual edition of articles published from the previous year of Harrowsmith Magazine.

(NOT AVAILABLE FOR DISTRIBUTION)

JUST THE FACTS. Canadian Standards Association. 2 p.

Background information on the Canadian Standards Association and its Certification Division.

100 WAYS TO SAVE ENERGY AND MONEY IN THE HOME. Energy, Mines and Resources Canada. (1975) 160 p.

A guide for reducing total energy consumption in the home.

OUTDOOR SWIMMING POOL HEATER SIZING GUIDE. Manitoba Hydro. (1983) 3 p.

Recommendations for sizing outdoor swimming pool heaters.

RESIDENTIAL TIME CLOCKS. Manitoba Hydro. (1982) 1 p.

Background information on different types of residential time clocks.

SUMMER COTTAGES. Manitoba Hydro. (1980) 20 p.

How to design and construct summer cottages with energy efficient building techniques.

SWIMMING POOLS. Manitoba Hydro. (1980) 8 p.

Tips on installing and maintaining outdoor residential swimming pools.

TIME-OF-USE METER ADAPTER. Ontario Ministry of Energy. (1982) 1 p.

The installation of time-of-use residential electricity meters to determine their reliability, accuracy and performance.

USING ENERGY EFFICIENTLY. Manitoba Hydro. (1983) 5 p.

General tips for conserving energy in the home.

RETROFIT:

AIR INFILTRATION MEASURING DEVICE. Manitoba Department of Energy and Mines. (1982) 1 p.

The development and testing of the air infiltrometer for detecting air infiltration in residences.

Project #7 (80-1) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

AIR LEAKAGE PROBLEMS IN YOUR HOME. Manitoba Hydro. (1982) 7 p.

Detecting and sealing areas of air infiltration in a home.

AIR VAPOUR BARRIERS AND INSULATION ON BASEMENT WALLS. Manitoba Hydro. (1982) 6 p.

Practical applications of vapour barriers and insulation for basements in existing housing.

AIR VAPOUR BARRIERS AND INSULATION IN CRAWLSPACES. Manitoba Hydro. (1982) 3 p.

Practical applications of vapour barriers and insulation for crawlspaces.

AIR VAPOUR BARRIERS AND INSULATION ON GRADE SLABS. Manitoba Hydro. (1982) 1 p.

How to seal and insulate grade slab foundations.

APPLICATION OF INSULATION AND VAPOUR BARRIERS. B.R.N. #24. National Research Council. 7 p.

A technical report outlining the importance of vapour barriers and ventilation in insulated areas for residences.

ARCTIC HOTEL RETROFIT AND ADDITION. Northwest Territories Dept. of Public Works. (1982) 1 p.

Adding insulation, triple-glazed windows and an insulated addition to the Arctic Hotel in Cambridge Bay, N.W.T., to demonstrate reduced energy savings.

Project #704-16 (H3.3.12) of the N.W.T./Canada Conservation and Renewable Energy Demonstration Agreement.

ARCTIC RESIDENTIAL RETROFIT. Northwest Territories Dept. of Public Works. (1982) 1 p.

Retrofit of a residential dwelling in Frobisher Bay, N.W.T., with a wind and solar energy system installed, to further reduce energy consumption.

Project #12-200-704-3 of the N.W.T./Canada Conservation and Renewable Energy Demonstration Agreement.

ATTIC CONDENSATION. Manitoba Hydro. (1983) 5 p.

The cause of residential attic condensation and practical methods of alleviating the problem.

ATTIC VENTILATION IN HOMES. Manitoba Hydro. (1983) 1 p.

Proper installation of attic ventilation after re-insulating.

CANADIAN GENERAL STANDARDS BOARD MANUAL - NATIONAL CERTIFICATION PROGRAM FOR RESIDENTIAL INSULATION CONTRACTORS. Canadian General Standards Board. (1980) 500 p. $35.00

A manual for insulation contractors to develop a technical standard for installing residential insulation.

(NOT AVAILABLE FOR DISTRIBUTION)

CELLULOSE FIBRE INSULATION. Energy, Mines and Resources Canada. (1979) 4 p.

The application of cellulose fibre insulation, it's advantages and disadvantages.

CENTRAL EXHAUST SYSTEMS IN HOMES. Manitoba Hydro. (1983) 1 p.

Backgrcund information on central exhaust systems, for humidity control and heat recovery.

CHOOSING A CONTRACTOR - 5 SAFE STEPS. Winnipeg Construction Association. (1980) 1 p.

Five steps to selecting a contractor for residential renovations.

CONDENSATION IN THE HOME - WHERE, WHY AND WHAT TO DO ABOUT IT. Canada Mortgage and Housing Corporation. (1982) 30 p.

Practical methods of preventing and controlling condensation in residences.

CRAWL SPACE VENTILATION. Manitoba Hydro. (1983) 1 p.

How to avoid crawl space condensation by installing a moisture barrier and adequate ventilation.

DO IT YOURSELF INSULATION AND WEATHERSTRIPPING. Sunset Books. (1978) 80 p. $3.95

A guide to insulating, weatherstripping and caulking your home.

(NOT AVAILABLE FOR DISTRIBUTION)

DOOR TO DOOR SALES OF HOME IMPROVEMENTS. Consumers' Bureau. (1978) 1 p.

Precautionary measures one should take when hiring a door to door contractor.

A DOUBLE WALL RETROFIT PROJECT. Ike Warkentin. (1982) 24 p.

Steps taken to perform a double wall retrofit on a Winnipeg home constructed in 1906.

(NOT AVAILABLE FOR DISTRIBUTION)

ENERFACTS: HOW TO DETECT AND SEAL AIR LEAKS. Energy, Mines and Resources Canada. (1982) 3 p.

How to reduce air infiltration in a residential dwelling.

ENERFACTS: INSULATION SUMMARY. Energy, Mines and Resources Canada. (1982) 1 p.

A summary of insulation types outlining advantages, limitations and applications.

ENERFACTS: RETROFITTING YOUR MOBILE HOME. Energy, Mines and Resources Canada. (1982) 4 p.

A step-by-step guide for reducing energy consumption in mobile homes, by sealing air leaks and re-insulating.

ENERGY CONSERVATION AND ROOFS. B.P.N. #6. National Research Council. (1977) 16 p.

A study to determine the cost effectiveness of adding additional roof insulation to commercial, industrial and residential buildings.

ENERGY EFFICIENT RETROFIT OF OLDER HOME. Manitoba Department of Energy and Mines. (1982) 1 p.

Retrofitting an older home to determine increased energy efficiency by adding a continuous vapour barrier, basement insulation, weather sealing and an exterior double wall.

Project #25 (81-66) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

ENERGY EFFICIENT: TECHNICAL GUIDELINES FOR EXISTING HOMES. Canadian Electrical Association. (1982) 69 p.

Energy efficient building standards for retrofit housing developed by the Canadian Electrical Associaton.

(NOT AVAILABLE FOR DISTRIBUTION)

ENER$AVE FOR HOME INSULATION - QUESTIONNAIRE - A COMPUTERIZED GUIDE TO SAVING ENERGY AND MONEY IN YOUR HOME. Energy, Mines and Resources Canada. (1980) 15 p.

A residential energy audit questionnaire to be completed by the homeowner. Recommendations on how to improve your home's energy efficiency are forwarded, based on the information given in the questionnaire.

ENGINEERING METHOD FOR ESTIMATING ANNUAL BASEMENT HEAT LOSS AND INSULATION PERFORMANCE. Institute of Man and Resources. (1980) 27 p. $2.00

A technical method of determining basement heat loss and optimum retrofit measures.

(NOT AVAILABLE FOR DISTRIBUTION)

AN EVALUATION OF THE EFFECTIVENESS OF AIR LEAKAGE SEALING: ENER-CORP MANAGEMENT LTD. Manitoba Department of Energy and Mines. (1983) 50 p.

A report outlining air leakage sealing techniques implemented in 82 Manitoba homes and its effectiveness in reducing infiltration and energy consumption.

Project #4 (80-3) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

EVALUATION OF THE HOME ENERGY AUDIT SERVICE. Saskatoon Energy Conservation Information Centre. (1982) 30 p. (approx.)

An outline and evaluation of the Home Energy Audit Service conducted by the Saskatoon Energy Information Centre.

(NOT AVAILABLE FOR DISTRIBUTION)

EXISTING HOME DOUBLE WALL CONSTRUCTION. Manitoba Hydro. (1983) 1 p.

An illustration of a double wall retrofit developed for the "Double E" Program by the Canadian Electrical Association.

EXTERIOR INSULATION AND CLADDING. Ontario Ministry of Energy. (1982) 1 p.

The application of exterior insulation and cladding to the John Orr Tower at Queen's University, to demonstrate reduced energy consumption for space heating.

Project #6925 of the Ontario/Canada Conservation and Renewable Energy Demonstration Agreement.

THE GUILD HALL RETROFIT. Yukon Dept. of Economic Development & Intergovernmental Relations. (1982) 2 p.

Installing a double insulated wall, and replacing the existing oil heating system with propane at the Whitehorse Guild Hall, to demonstrate reduced energy savings.

Project #3766-4-22 of the Yukon/Canada Conservation and Renewable Energy Demonstration Agreement.

HOUSING COMPLEX RETROFIT. Nova Scotia Dept. of Mines & Energy. (1982) 2 p.

Retrofit measures performed on a single storey senior citizen housing complex. Expected reduction in heat loss 40-50%.

Project #013 of the Nova Scotia/Canada Conservation and Renewable Energy Demonstration Agreement.

HOW TO AVOID INSULATION RIP-OFFS. Energy, Mines and Resources Canada. 6 p.

Precautionary measures to take when hiring an insulation contractor.

HOW TO HIRE A CONTRACTOR. Canada Mortgage and Housing Corporation. (1981) 27 p.

Steps to take when hiring a contractor including the contract itself and consumer protection.

HOW TO INSULATE YOUR BASEMENT - EXTERIOR METHOD. Manitoba Department of Energy and Mines. (1982) 20 p.

A practical guide to insulating basements using the exterior method.

HOW TO INSULATE YOUR BASEMENT - INTERIOR METHOD. Manitoba Department of Energy and Mines. (1982) 16 p.

A practical guide to insulating basements using the interior method.

HOW TO WEATHERSTRIP AND CAULK YOUR HOME. Manitoba Department of Energy and Mines. (1982) 27 p.

A guide to weatherstripping and caulking your home plus a list of different types of weatherstripping and caulking materials available and where to use them.

INFLATION FIGHTERS BIG BOOK. Prentice-Hall. (1979) 262 p. $15.95

How to impove the energy efficiency of your home through insulation, ventilation, heating systems, lighting and developing alternative forms of energy.

(NOT AVAILABLE FOR DISTRIBUTION)

INFRARED - AN ENERGY TOOL. United States Department of Energy - Office of Public Affairs. 6 p.

The principles of using infrared cameras as a heat loss detection device.

INSULATE YOUR WINDOWS. NOVA - An Alberta Corporation. (1982) 1 p.

How to control infiltration around windows and methods of installing moveable insulation for windows.

INSULATED WINDOWS SHUTTERS. B.P.N. #17. National Research Council. (1980) 3 p.

A report on optional methods of insulating windows.

INSULATING THE WALLS OF EXISTING MASONRY HOUSES. Ontario Government Bookstore. (1981) 45 p. $2.50

The technical problems and safeguards of insulating existing masonry houses.

(NOT AVAILABLE FOR DISTRIBUTION)

INSULATION RETROFIT OF MASONRY BASEMENTS. Ontario Government Bookstore. (1981) 140 p. $10.00

A report discussing the advantages and disadvantages of insulating various types of basements using the exterior and interior methods.

(NOT AVAILABLE FOR DISTRIBUTION)

INSULATION RETROFITTING - A CASE HISTORY. B.P.N. #21. National Research Council. (1981) 23 p.

A case study of an older home in the Ottawa Area before and after retrofit measures were performed.

MOULDED POLYETHYLENE AIR VAPOUR BARRIER BOXES. Manitoba Hydro. (1982) 1 p.

Installation procedures for moulded polyethylene air vapour varrier boxes.

POLYURETHANE FOAM AS A THERMAL INSULATION: A CRITICAL EXAMINATION. B.R.N. #124. National Research Council. (1978) 6 p.

General characteristics of polyurethane insulation and specific problems encountered with the spray-on type.

PUBLIC HOUSING RETROFIT. Manitoba Department of Energy and Mines. (1982) 1 p.

The retrofit and study of 100 identical homes using 4 different techniques to determine which technique reduces energy consumption the most.

Project #5 (80-27) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

RESIDENTIAL AIR INFILTRATION TEST AND SEALING. Manitoba Department of Energy and Mines. (1982) 1 p.

A five year study to determine air infiltration rates and fuel consumption of 100 homes before and after sealing, caulking and weatherstripping measures are performed.

Project #4 (80-3) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

RESIDENTIAL RETROFIT DEMONSTRATION. Yukon Dept. of Economic Development & Intergovernmental Relations. (1982) 2 p.

To perform retrofit measures on 100 homes and two apartment blocks throughout the Yukon, to demonstrate reduced energy savings through various retrofit techniques.

Project #3766-4-25 of the Yukon/Canada Conservation and Renewable Energy Demonstration Agreement.

RETROFITTING TO "DOUBLE E" STANDARDS. Manitoba Hydro. (1983) 32 p.

A step-by-step guideline for residential retrofit, using the "Double E" standards developed by the Canadian Electrical Association.

THE SUPER-INSULATED RETROFIT BOOK: A HOMEOWNER'S GUIDE TO ENERGY EFFICIENT RENOVATION. Renewable Energy in Canada. (1981) 208 p. $11.95

A practical guide to exterior and interior residential retrofit including a number of case studies and retrofit measures implemented with results.

TENANCY TALK: A CASE OF CONSENSATION. Manitoba Office of the Rentalsman. (1979) 6 p.

Steps to reduce condensation in the home.

TOWARDS THE BIGGEST RETURN FOR YOUR INVESTMENT. Manitoba Hydro. (1982) 1 p.

An outline of energy savings achieved by performing retrofit measures in existing housing.

UREA FORMALDEHYDE FOAM INSULATION. B.P.N. #19. National Research Council. (1981) 10 p.

An introduction to problems that may be caused by improperly installed urea formaldehyde foam insulation.

UREA FORMALDEHYDE FOAM INSULATION: PROBLEM IDENTIFICAITON AND REMEDIAL MEASURES FOR WOOD FRAME CONSTRUCTION. B.P.N. #23. National Research Council. (1981) 40 p.

Identifying potential problems of homes insulated with U.F.F.I. and remedial measures for wood frame house construction.

UREA FORMALDEHYDE FOAM INSULATION UPDATE. Energy, Mines and Resources Canada. (1981) 4 p.

Remedial measures for homes insulated with U.F.F.I.

WINDOWS. Energy, Mines and Resources Canada. (1980) 3 p.

The thermal resistance of different types of windows plus advantages and disadvantages of conventional types.

WINDOWS & DOORS. Manitoba Hydro. (1981) 3 p.

Sealing windows and doors to prevent air infiltration and condensation.

SOLAR:

ACTIVE SOLAR AND HEAT PUMPS. Nova Scotia Dept. of Mines & Energy. (1982) 2 p.

The installation of air-to-air heat pumps and solar collectors to provide space heating requirements and domestic hot water heating in a 12 unit apartment building.

Project #008 of the Nova Scotia/Canada Conservation and Renewable Energy Demonstration Agreement.

ATTACHED GREENHOUSES. Nova Scotia Dept. of Mines & Energy. (1982) 2 p.

The construction of two attached greenhouses to demonstrate different construction techniques for growing plants and passive solar gain for heating the living space.

Project #014 of the Nova Scotia/Canada Conservation and Renewable Energy Demonstration Agreement.

ATTACHED SOLARIUMS. Nova Scotia Dept. of Mines & Energy. (1982) 2 p.

The construction of two attached solariums, to provide supplemental heat to the main living area, plus additional space, at a reasonable cost.

Project #021 of the Nova Scotia/Canada Conservation and Renewable Energy Demonstration Agreement.

BACKGROUND INFORMATION ON SOLAR GREENHOUSES. Saskatoon Energy Conservation Information Centre. 5 p.

Design considerations for constructing a solar greenhouse.

BUILD A SOLAR GREENHOUSE. NOVA - An Alberta Corporation. (1983) 1 p.

Insulation and design considerations for a solar greenhouse.

BUILD YOUR OWN SOLAR WATER HEATER. Environmental Information Centre of the Florida Conservation Foundation Incorporated. (1976) 25 p. $7.00

A step by step guide for construction of a solar water heater.

BUILDING A SOLAR INDUSTRY: SOLAR ENERGY PROGRAMS AT PUBLIC WORKS CANADA. Public Works Canada. (1982) 16 p.

An outline of the programs Public Works Canada is involved with for the development of solar energy.

1983 Canadian Solar Directory. Solar Energy Society of Canada. (1983) 50 p. $5.00

An annual publication listing Canadian businesses, professionals and information agencies involved in all aspects of solar and renewable energy resources.

(NOT AVAILABLE FOR DISTRIBUTION)

CANADIAN SOLAR DIRECTORY. Solar Energy Society of Canada Incorporated. (1981) 27 p. $1.20

A guide to solar related companies in Canada.

THE COMPLETE SOLAR HOUSE. Dodd, Mead and Company. (1977) 212 p. $8.95

Designing and retrofitting a home to maximize solar energy potential for heating and cooling.

(NOT AVAILABLE FOR DISTRIBUTION)

DESCRIPTION OF SOME SOLAR HEATED HOUSES IN CANADA. Brace Research Institute. (1977) 30 p. $2.50

A summary of selected homes across Canada using solar energy.

(NOT AVAILABLE FOR DISTRIBUTION)

DESIGNING AND BUILDING A SOLAR HOUSE. Garden Way Publishing Company. (1977) 281 p. $10.00

A guide to building a solar home incorporating active and passive heating systems.

(NOT AVAILABLE FOR DISTRIBUTION)

DOMESTIC SOLAR WATER HEATING: A BUILDER'S GUIDE. California Energy Commission. (1978) 1 p.

The components and operation of solar domestic hot water systems.

ENERGY EFFICIENT SMALL GREENHOUSES. Nova Scotia Dept. of Mines & Energy. (1982) 2 p.

The construction of two greenhouses to demonstrate how effectively they can maintain growing conditions with minimum auxiliary heat.

Project #019 of the Nova Scotia/Canada Conservation and Renewable Energy Demonstration Agreement.

FACTS ON SOLAR ENERGY: ACTIVE SOLAR HEATING. National Research Council. (1982) 5 p.

Applications of water and air, active solar heating systems.

FACTS ON SOLAR ENERGY: ENERGY STORAGE IN SOLAR HEATING SYSTEMS. National Research Council. (1982) 3 p.

Energy storage systems used for active and passive solar energy.

FACTS ON SOLAR ENERGY: A LOOK AT SOLAR ENERGY. National Research Council. (1982) 3 p.

The principles of solar energy with a brief explanation of conduction, convection and radiation.

FACTS ON SOLAR ENERGY: PASSIVE SOLAR HEATING SYSTEM. National Research Council. (1982) 4 p.

A brief outline describing four types of passive solar heating systems.

FIR PARK SOLAR HOT WATER DEMONSTRATION. British Columbia Ministry of Energy, Mines & Petroleum Resources. (1982) 1 p.

The installation of a solar hot water heating system in the Alberni Valley Intermediate Care Home, to provide 50% of the kitchen, whirlpool and south wing hot water requirements.

A British Columbia/Canada Conservation and Renewable Energy Project.

FLOATING SWIMMING POOL COVERS FOR ENERGY CONSERVATION. B. C. Hydro. (1979) 1 p.

Types of swimming pool covers, and their effectiveness in retaining solar heat.

A GUIDE TO SOLAR AND RENEWABLE ENERGY COURSES ACROSS CANADA. Solar Energy Society of Canada Incorporated. (1982) 17 p. $2.00

Solar and renewable energy related courses offered in Universities and Colleges across Canada.

(NOT AVAILABLE FOR DISTRIBUTION)

HOW TO BUILD A SOLAR HEATER. Crown Publishers. (1980) 242 p. $4.95

A guide to constructing all types of solar collectors for pool heating, domestic water, space heating and barbecues.

(NOT AVAILABLE FOR DISTRIBUTION)

HOW TO BUILD A SOLAR WATER HEATER. Brace Research Institute. (1979) 18 p. $1.50

A step by step guide to building a solar domestic water heater.

PASSIVE SOLAR HEATING IN CANADA - A DISCUSSION PAPER. Energy, Mines and Resources Canada. (1980) 119 p.

A report discussing architectural, technical and economic aspects for the development of passive solar heating in Canada.

PASSIVE SOLAR HEATING IN RESIDENCES: AN ANALYSIS FOR THE SOUTHERN CANADIAN PRAIRIE CLIMATE. Department of Mechanical Engineering, University of Saskatchewan. (1980) 25 p. $1.00

A study to determine the feasibility of using passive solar energy on the Canadian Prairie Provinces.

(NOT AVAILABLE FOR DISTRIBUTION)

PASSIVE SOLAR HEATING STUDIES AT THE DIVISION OF BUILDING RESEARCH. B.R.N. #188. National Research Council. (1982) 10 p.

Construction techniques used to design the National Research Council passive solar test facility and the studies that are presently being conducted.

THE POTENTIAL FOR SOLAR ENERGY IN POOL HEATING IN CANADA 1980-2000. Energy, Mines and Resources Canada. (1980) 43 p.

A study to determine the feasibility of using solar energy to heat swimming pools.

PREVENTION OF EXCESS SNOW ACCUMULATION DUE TO ROOF MOUNTED SOLAR COLLECTORS. Ontario Government Bookstore. (1981) 60 p. $6.00

A study to determine which configurations of solar collectors do not cause excessive accumulations of snow on roofs.

(NOT AVAILABLE FOR DISTRIBUTION)

RECOMMENDATIONS FOR SOLAR INSTALLATIONS. B. C. Hydro. (1981) 8 p.

Space and domestic water heating with solar collectors and suggested recommendations for installation.

REPORT ON AN ASSESSMENT OF THE POTENTIAL OF SOLAR ENERGY IN MANITOBA. Manitoba Department of Energy and Mines. (1981) 81 p.

A report to assess the potential of all aspects of solar energy for use in Manitoba.

RESIDENTIAL PASSIVE SOLAR DESIGN & CONSTRUCTION PROJECT--CONSTRUCTION REPORT. Ontario Government Bookstore. (1981) 62 p. $6.00

Construction techniques used to build 20 homes for the Ministry of Energy, Ontario, Residential Passive Solar Design and Construction Project.

(NOT AVAILABLE FOR DISTRIBUTION)

RESIDENTIAL PASSIVE SOLAR DESIGN & CONSTRUCTION PROJECT--DESIGN PROJECT. Ontario Government Bookstore. (1981) 71 p. $6.00

Design techniques used for the above mentioned project.

(NOT AVAILABLE FOR DISTRIBUTION)

RESIDENTIAL PASSIVE SOLAR HEATING - REVIEW & DEVELOPMENT OF DESIGN AIDS. Ontario Government Bookstore. (1980) 100 p. $4.00

A study to determine the feasibility of developing passive solar energy in Ontario.

(NOT AVAILABLE FOR DISTRIBUTION)

A SIMPLE METHOD FOR DETERMINING THE HEATING REQUIREMENTS OF DIRECT GAIN PASSIVE SOLAR HOUSES. B.R.N. #195. National Research Council. (1982) 15 p.

A guide for residential house designers, for determining heating requirements for passive solar dwellings.

SOLAR ENERGY PROGRAM: DESIGN AND CONSTRUCTION - WINNIPEG DEMONSTRATION SOLAR HEATED HOME. National Research Council. (1977) $3.50

Design and construction techniques used on the active solar demonstration home in Winnipeg, Manitoba.

(NOT AVAILABLE FOR DISTRIBUTION)

SOLAR ENERGY PROGRAM - TEN PRACTICAL PASSIVE SOLAR HOUSES IN EASTERN CANADA. National Research Council. (1980) 37 p. $3.00

An analysis of ten passive solar homes constructed in Eastern Canada.

(NOT AVAILABLE FOR DISTRIBUTION)

SOLAR HEAT GAIN THROUGH WINDOWS FOR SELECTED LOCATIONS IN CANADA. Solar Energy Society of Canada Incorporated. (1982) 27 p. $7.00

A tabulation of solar heat gain through vertical, double glazed windows for Vancouver, Edmonton, Winnipeg, Swift Current, Toronto, Ottawa, Montreal and Halifax.

(NOT AVAILABLE FOR DISTRIBUTION)

SOLAR HEATED SWIMMING POOL. Manitoba Department of Energy and Mines. (1980) 1 p.

The installation of an active solar water heater in the Winkler outdoor swimming pool.

Project #1 (80-26) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

SOLAR HEATED SWIMMING POOL - DELORAINE, MANITOBA. Manitoba Department of Energy and Mines. (1983) 22 p.

The Final Report of the active solar heating system installed at the Deloraine Swimming Pool to heat domestic water for the showers as well as the swimming pool.

Project #8 (80-10) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

SOLAR HEATED SWIMMING POOL - WINKLER, MANITOBA. Manitoba Department of Energy and Mines. (1983) 6 p.

The Final Report of the active solar water heating system installed at the Winkler outdoor swimming pool.

Project #1 (80-26) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

SOLAR HEATING. Solar Energy Society of Canada Incorporated. (1980) 1 p.

General background information explaining active and passive solar energy and the economics of each.

SOLAR HEATING FOR SWIMMING POOLS. Ontario Government Bookstore. (1982) 33 p. $3.00

Solar heating swimming pools using different types of collectors and the economics of the various systems.

SOLAR HEATING - SWIMMING POOL. Manitoba Department of Energy and Mines. (1981) 1 p.

The implementation of an active solar heating system for the Town of Deloraine's outdoor swimming pool.

Project #8 (80-10) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

SOLAR HEATING SYSTEM FOR CANADIAN BUILDINGS. B.R.N. #104. National Research Council. (1977) 22 p.

A study to determine the economic feasibility of solar heating systems versus conventional forms of heating and guidelines for selecting a solar sytem.

SOLAR HOMES AND SUN HEATING. Fitzhenry & Whiteside. (1976) 178 p. $17.95

The principles and implementation of active and passive solar heating systems for residences.

(NOT AVAILABLE FOR DISTRIBUTION)

SOLAR HOT WATER...A HOMEOWNER'S GUIDE. Energy, Mines and Resources Canada. (1982) 14 p.

The application and operation of solar domestic hot water systems for residences.

SOLAR HOT WATER PRE-HEAT SYSTEM. Ontario Ministry of Energy. (1983) 1 p.

The installation of a solar system to pre-heat shower water at the Queen's University Phys-Ed building.

Project #0723 of the Ontario/Canada Conservation and Renewable Energy Demonstration Agreement.

SOLAR PRE-HEAT BOILER WATER. Ontario Ministry of Energy. (1983) 1 p.

The installation of a solar system to pre-heat boiler water in a soup manufacturing plant.

Project #0723 of the Ontario/Canada Conservation and Renewable Energy Demonstration Agreement.

SOLAR RETROFIT - ADDING SOLAR TO YOUR HOME. Van Nostrand Reinhold. (1981) 199 p. $11.95

Guidelines to follow for retrofitting your existing home to passive or active solar heating.

(NOT AVAILABLE FOR DISTRIBUTION)

SOLAR WATER HEATER BOOK. Renewable Energy in Canada. (1980) 80 p. $6.95

A guide to constructing active and passive solar domestic hot water systems.

(NOT AVAILABLE FOR DISTRIBUTION)

SOLAR WATER HEATING. Nova Scotia Dept. of Mines & Energy. (1982) 2 p.

The installation of a solar hot water heating system in a multiple unit senior citizen complex.

Project #007 of the Nova Scotia/Canada Conservation and Renewable Energy Demonstration Agreement.

THE SOLARIUM PRIMER. National Research Council. (1981) 32 p. $3.95

Background information on developing a solarium.

THE SOLARIUM WORKBOOK. National Research Council. (1981) 112 p. $14.95

Construction guide for building a solarium.

(NOT AVAILABLE FOR DISTRIBUTION)

SOLPLAN II - SOLAR ENERGY FOR EXISTING HOUSES. The Drawing-Room Graphic Services Limited. (1978) 40 p. $4.00

A workbook for adding solar heating systems to existing homes.

SOLPLAN III - SOLAR GREENHOUSES FOR CANADA. The Drawing-Room Graphic Services Limited. 60 p. $4.50

A workbook for designing and constructing solar greenhouses, including information for growing vegetables and plants.

SOLPLAN V - ENERGY CONSERVING SOLAR HOUSES FOR CANADA. The Drawing-Room Graphic Services Limited. (1981) 80 p. $5.95

Design features and floor plans for energy efficient passive solar homes.

SUBDIVISIONS AND SUN: 3 DESIGN STUDIES. Ontario Government Bookstore. (1979) 100 p. $4.00

A guide for developing housing subdivisions to maximize passive solar gain.

(NOT AVAILABLE FOR DISTRIBUTION)

SUNSPACES. Nova Scotia Dept. of Mines & Energy. (1982) 2 p.

The construction of three sunspaces in residential dwellings to demonstrate various construction techniques and passive solar gain.

Project #009 of the Nova Scotia/Canada Conservation and Renewable Energy Demonstration Agreement.

SUN POWER - WIND POWER. National Research Council. 1 p.

Background information on how solar and wind energy are produced.

SWIMMING POOL HEATING. Solar Energy Society of Canada Incorporated. 1 p.

Considerations for installing a solar collector to heat swimming pools.

TROMBE WALLS. Newfoundland Dept. of Mines & Energy. (1983) 1 p.

The installation of a trombe wall and wood stove in two chalets, to provide space heating requirements and reduce oil consumption by 2,800 litres annually.

Project #03 04 22 11 of the Newfoundland/Canada Conservation and Renewable Energy Demonstration Agreement.

UTILIZATION OF SOLAR GAIN THROUGH WINDOWS FOR HEATING HOUSES. B.R.N. #184. National Research Council. (1982) 19 p.

A study to determine useful solar gain through various types of windows and houses throughout Canada.

VASSAR SOLAR HEATED SWIMMING POOL. Manitoba Department of Energy and Mines. (1982) 1 p.

To replace the liquid petroleum gas heater at the Vassar swimming pool with an active solar collector and solar blanket.

Project #30 (82-115) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

YOUR HOME'S SOLAR POTENTIAL: THE DO-IT-YOURSELF SOLAR SURVEY. Efston Science Incorporated. (1976) 60 p. $14.25

How to assess your home to determine it's solar energy potential.

(NOT AVAILABLE FOR DISTRIBUTION)

TRANSPORTATION:

THE CANADIAN VANPOOLING GUIDEBOOK. Energy, Mines and Resources Canada. (1982) 45 p.

A guide to organizing and operating a vanpool.

(NOT AVAILABLE FOR DISTRIBUTION)

THE CAR ECONOMY BOOK. Energy, Mines and Resources Canada. (1980) 91 p.

Tips on buying, driving and maintaining your automobile.

CAR ECONOMY CALCULATOR. Energy, Mines and Resources Canada. (1981)

A pocket size conversion slide rule, plus a log for recording fuel consumption of motor vehicles.

CAR FAN RESEARCH AT NRC. National Research Council. (1978) 1 p.

A study to determine the energy efficiency of automobile fans.

CAR WARMERS AND ENGINE BLOCK HEATERS - ENERGY COSTS. Manitoba Hydro. (1983) 1 p.

Energy consumption and cost of operating interior car warmers and block heaters.

COMMUTER PARKING LOTS. Nova Scotia Dept. of Mines & Energy. (1982) 2 p.

The establishment of commuter parking lots at various highway interchanges, to promote ridesharing for reduced gasoline consumption and reduced highway traffic.

Project #005 of the Nova Scotia/Canada Conservation and Renewable Energy Demonstration Agreement.

COMMUTER VAN POOLING OPERATIONS GUIDE FOR EMPLOYERS. Chrysler Canada Limited. (1979) 27 p.

An operating guide to commuter vanpooling based on a system implemented by Chrysler Canada.

COMPRESSED NATURAL GAS. Energy, Mines and Resources Canada. (1982) 1 p.

Background inormation on converting conventional automobiles to compressed natural gas, plus vehicle operation.

CNG - THE NATURAL ALTERNATIVE TO GASOLINE (GUIDE). British Columbia Ministry of Universities, Science and Communications.

Compressed natural gas as an alternate motor vehicle fuel including a guide to converting conventional motor vehicles to CNG.

(NOT AVAILABLE FOR DISTRIBUTION)

CNG - THE NATURAL ALTERNATIVE TO GASOLINE (BROCHURE). British Columbia Ministry of Universities, Science and Communications. 1 p.

General background information for converting conventional motor vehicles to compressed natural gas.

AN EMPLOYERS GUIDE TO VANPOOLING. Manitoba Department of Energy and Mines. (1983) 6 p.

The advantages of implementing a vanpool operation from an employers stand point.

ENERGY COSTS - AUTOMOBILE, INTERIOR & ENGINE BLOCK HEATERS. Manitoba Hydro. (1981) 1 p.

Electricity consumption and cost of operating motor vehicle block and interior heaters.

THE FEASIBILITY OF CONVERSION TO NON-PETROLEUM POWER SOURCES. Manitoba Department of Energy and Mines. (1983) 205 p.

The Final Report of a study conducted to determine the present and future energy requirements and the potential of developing non-petroleum power sources for the Winnipeg Public Transit System.

Project #16 (80-25) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

FUEL CONSUMPTION GUIDE. Transport Canada. (1981, 1982, 1983)

An annual guide listing fuel consumption of cars and trucks manufactured in that specific year.

GASOHOL AND PROPANE FLEET TEST. Manitoba Department of Energy and Mines. (1982) 1 p.

A study to determine the feasibility of using propane and gasohol for commercial vehicles in various areas of Manitoba.

Project #2 (80-18, 80-19) under the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

METHANOL VEHICLE FUEL TEST. Manitoba Department of Energy and Mines. (1982) 1 p.

A test to demonstrate the effectiveness and efficiency of using methanol based fuels for motor vehicles, in Manitoba.

Project #21 (81-51) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

POTENTIAL OF ETHANOL AS A MOTOR VEHICLE FUEL. United States General Accounting. (1980) 28 p. $3.25

A study to determine the feasibility of producing ehtanol to be used as a motor vehicle fuel.

PROPANE CARBURETION - SOME TECHNICAL CONSIDERATIONS. Energy, Mines and Resources Canada. (1983) 13 p.

Background information on converting a conventional automobile to propane, plus vehicle operation.

RIDESHARING: A CONCEPT WHOSE TIME HAS COME. Manitoba Department of Energy and Mines. (1983) 6 p.

The advantages of implementing carpools for employees.

ROUTE OPTIMIZATION. Manitoba Department of Energy and Mines. (1982) 1 p.

A study to develop a program for route optimization in urban areas, rural distribution systems and a school bus operation.

Project #22 (81-83) under the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

THE 3M COMMUTE-A-VAN STATUS REPORT II. 3M Canada Limited. (1980) 67 p.

A report on the operation of the "Commute-A-Van" program implemented by 3M Canada Inc.

(NOT AVAILABLE FOR DISTRIBUTION)

TRUCKER'S GUIDE TO ENERGY CONSERVATION. Canadian Trucking Association. (1980) 21 p.

A maintenance and operating guide for improving energy efficiency in commercial trucks.

UTILIZATION OF METHANOL-BASED FUELS IN TRANSPORTATION. Ontario Government Bookstore. (1978) 79 p. $1.25

The feasibility of developing methanol to be used as a transportation fuel.

VANPOOLING. Manitoba Department of Energy and Mines. (1982) 1 p.

A demonstration to show the feasibility of implementing vanpool systems.

Project #23 (80-8) of the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

VANPOOLING. Nova Scotia Dept. of Mines & Energy. (1982) 2 p.

The implementation of vanpool transportation systems in the outlying areas of Halifax, not served by public transportation.

Project #002 of the Nova Scotia/Canada Conservation and Renewable Energy Demonstration Agreement.

VANPOOLING - A FLEXIBLE ALTERNATIVE FOR COMMUTERS. Energy, Mines and Resources Canada. (1982) 1 p.

General background information on vanpooling listing employer and employee benefits.

WASTE OIL AS A DIESEL FUEL. Nova Scotia Dept. of Mines & Energy. (1982) 2 p.

The installation of waste lubricating oil recovery units to filter waste oil and combine it with diesel fuel for diesel engines.

Project #010 of the Nova Scotia/Canada Conservation and Renewable Energy Demonstration Agreement.

WINNIPEG TRANSIT - FEASIBILITY OF CONVERSION TO NON-PETROLEUM POWER SOURCES. Manitoba Department of Energy and Mines. (1982) 1 p.

A study to determine present and future energy requirements and the potential of developing non-petroleum power sources for the Winnipeg Public Transit System.

Project #16 (80-25) under the Manitoba/Canada Conservation and Renewable Energy Demonstration Agreement.

WIND:

ARUSHA WINDMILL - A CONSTRUCTION MANUAL. Access Books. (1977) 58 p. $4.50

Design and construction techniques for the Arusha windmill.

(NOT AVAILABLE FOR DISTRIBUTION)

ATLANTIC WIND TEST SITE. Atlantic Wind Test site. (1980) 1 p.

Performance and research from the Atlantic Wind Test Site in Prince Edward Island.

CAN YOU BENEFIT FROM WIND GENERATED ELECTRICITY? Brace Research Institute. (1978) 8 p.

Pros and cons of developing wind generating systems comparing cost and economic factors.

(NOT AVAILABLE FOR DISTRIBUTION)

COMMERCIALLY AVAILABLE WINDMILL SYSTEMS AND COMPONENTS. Brace Research Institute. (1979) 11 p.

A list of manufacturers and products available for the development of wind energy systems.

DEVELOPMENT, INSTALLATION & TESTING OF WIND TURBINE DIESEL HYBRID. Ontario Government Bookstore. (1979) 89 p. $3.00

A study to determine methods of producing electrical power from the wind for remote communities.

ELECTRIC POWER FROM THE WIND. Access Books. (1974) 40 p. $2.50

Practical methods of producing energy from the wind for individual applications.

(NOT AVAILABLE FOR DISTRIBUTION)

ELECTRICITY FROM THE WIND. Brace Research Institute. 16 p. $1.75

A report on different types of wind energy systems.

(NOT AVAILABLE FOR DISTRIBUTION)

EXPLORING ENERGY I - WIND ENERGY. Energy, Mines and Resources Canada. (1981) 20 p.

The technical and economic characteristics of wind energy and present sytems being developed in Canada.

HARNESSING THE WIND FOR HOME ENERGY. Access Books. (1978) 134 p. $6.50

A comparison of low energy and large wind generators for producing wind energy at the residential level.

(NOT AVAILABLE FOR DISTRIBUTION)

HOW TO CONSTRUCT A CHEAP WIND MACHINE FOR PUMPING WATER. Brace Research Institute. (1979) 20 p. $1.50

A step-by-step guide for constructing a wind machine for pumping water.

(NOT AVAILABLE FOR DISTRIBUTION)

PLANNING A WIND-POWERED GENERATING SYSTEM. Access Books. (1977) 46 p. $2.50

Practical application of wind power systems for commercial and residential uses.

(NOT AVAILABLE FOR DISTRIBUTION)

REMOTE WIND/DIESEL GENERATOR. Ontario Ministry of Energy. (1982) 1 p.

The design, installation and testing of a wind diesel system for producing electricity to remote communities.

Project #6623 of the Ontario/Canada Conservation and Renewable Energy Demonstration Agreement.

SUN POWER/WIND POWER. National Research Council. (1980) 1 p.

General background information on the principles of wind and solar energy.

WIND ENERGY. Nova Scotia Dept. of Mines & Energy. (1982) 2 p.

A comparison of three commercially produced wind generators used to supply single family dwellings with electricity.

Project #017 of the Nova Scotia/Canada Conservation and Renewable Energy Demonstration Agreement.

WIND ENERGY FOR REMOTE LIVING. Northwest Territories Dept. of Public Works. (1982) 1 p.

The installation of a 3 kW wind generator to replace a diesel powered generator, presently used as the primary heating source for a residence in Yellowknife, N.W.T.

Project #704-11 of the N.W.T./Canada Conservation and Renewable Energy Demonstration Agreement.

WIND MACHINES. Access Books. (1975) 77 p. $3.50

The history of wind power illustrating applications, systems and designs.

(NOT AVAILABLE FOR DISTRIBUTION)

WIND POWER. Energy, Mines and Resources Canada. (1979) 52 p.

Technical, economic and safety considerations for the selection and installation of wind generation systems.

WIND POWER IN ALBERTA. Alberta Research Council. (1976) 100 p. $2.00

An introduction to the basics of wind power and its application in Alberta.

WIND POWER THEORY, APPLICATION AND EQUIPMENT. Brace Research Institute. 27 p.

Considerations to make when installing a wind energy system plus various methods and equipment available.

(NOT AVAILABLE FOR DISTRIBUTION)

APPENDIX A - PUBLICATIONS SOURCE LIST

Access Books
121A Avenue Road
Toronto, Ontario.
M5H 2G3

Agriculture Canada
Communications Branch
Ottawa, Ontario.
K1A 0C7

Agriculture Canada
Engineering & Statistical Research Institute
Bldg. 94, C.E.F.
Ottawa, Ontario.
K1A 0C6

Alberta Agriculture
Publications Office
9718 - 107th Street
Edmonton, Alberta.
T5K 2C8

Alberta Energy & Natural Resources
2nd Flr. Highfield Place
10010 - 106 Street
Edmonton, Alberta.
T5K 2L9

Alberta Research Council
11315 - 87th Avenue
Edmonton, Alberta.
T6G 2C2

American Society for Testing & Materials
1916 Race Street
Philadelphia, Pennsylvania.
U.S.A.

American Society of Photogrammetry
105 North Virginia Avenue
Falls Church, Virginia. 22046
U.S.A.

Atlantic Wind Test Site
P.O. Box 189
Tignish, Prince Edward Island.
C0B 2B0

Atomic Energy of Canada Limited
Whiteshell Nuclear Research Establishment
Pinawa, Manitoba.
R0E 1L0

Balinger Publishing Company
17 Dunster Street
Harvard Square
Cambridge, Massachusetts. 02138
U.S.A.

The Biomass Energy Institute
1329 Niakwa Road
Winnipeg, Manitoba.
R2J 3T4

Brace Research Institute
McDonald College
McGill University
P.O. Box 900
Ste. Anne de Belleville Sud
Montreal, Quebec.

B. C. Hydro
Community Liaison Supervisor
6th Flr. - 625 Howe Street
Vancouver, B.C.
V6C 2T6

B. C. Ministry of Energy, Mines
& Petroleum Resources
2006 - 1177 W. Hastings Street
Vancouver, B.C.
V6E 2L7

B.C. Ministry of Universities,
Science & Communications
Science & Technology Branch
Third Flr. - 756 Fort Street
Victoria, B.C.
V8V 1X4

California Energy Commission
1111 Howe Avenue
Sacramento, California. 95825
U.S.A.

Canada Mortgage & Housing Corporation
Cashier Financial Services Division
P.O. Box 9975
Ottawa, Ontario.
K1A 0P7

Canadian Electrical Association
580 - #1 Westmount Square
Montreal, Quebec.
H3Z 2P9

Canadian General Standards Board
Place du Portage
Phase III
11 Laurier Street
Hull, Quebec.
K1A 1G6

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